



**GENERAL SERVICES ADMINISTRATION**

**Federal Supply Service**

**Authorized Federal Supply Schedule Price List**

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!®, a menu-driven database system. The INTERNET address GSA Advantage!® is: [GSAAdvantage.gov](https://gsaadvantage.gov)

**Schedule Title: MULTIPLE AWARD SCHEDULE**

**Contract number: 47QTCA20D00FE**

**Contract Period: 09/23/2020 to 09/22/2025**

**Enquizit, Incorporated**

7927 Jones Branch Drive, Ste 400  
McLean, VA 22102-3312

703.794.5200 ph

703.996.9962 fax

<https://enquizit.com/>

**Contract administration source:** [bhuvana@enquizit.com](mailto:bhuvana@enquizit.com)

**Business size:** Small Business concern. Small Disadvantaged Business (SDB) concern.

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at [fss.gsa.gov](https://fss.gsa.gov)

**Price List is current through PS-A862, effective July 26th, 2023**

Prices Shown Herein are Net (discount deducted)

**CUSTOMER INFORMATION:**

**1a. Table of awarded Special Item Numbers (SINs) with appropriate cross-reference to item descriptions and awarded prices:**

**54151S - Information Technology Professional Services** – See descriptions and awarded pricing

**518210C - Cloud and Cloud-Related IT Professional Services** – See descriptions and awarded pricing

**OLM - Order-Level Materials:** OLMs are Purchased under the authority of the FSS Program, Unknown until an order is placed, Only authorized for use in direct support of another awarded SIN, Only authorized for inclusion at the order level under a Time-and-Materials (T&M) or Labor-Hour (LH) Contract Line Item Number (CLIN), OLMs are not open-market items, OLMs are not awarded under ancillary supplies/services or other direct cost (ODC) SINs (these items are defined, priced, and awarded at the FSS contract level).

The Order-Level Materials SIN is only authorized for use in direct support of another awarded SIN, Price analysis for OLMs is not conducted when awarding the FSS contract or FSS BPA, Order-Level Materials SIN must be inclusive of the Industrial Funding Fee (IFF).

**1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract:**

54151S - Jr. UX Engineer - \$84.88 per hour.

518210C - Operations Manager - IT Networks \$146.42 per hour.

OLM – To be determined at the order level.

**1c. Hourly Rates:** See pages 21 and 27.

**2. Maximum Order:** \$500,000 for 54151S and 518210C and \$250,000 for OLM. The cumulative value of OLMs in an individual task or delivery order cannot exceed 33.33% of the total value of the order.

**3. Minimum Order:** \$100.00.

**4. Geographic coverage (delivery area):** The continental United States and the District of Columbia (CONUS).

**5. Points of production:** McLean, VA 22102 Fairfax County.

**6. Discount from list prices or statement of net price:** Listed prices at net.

**7. Quantity discounts:** For SINs 518210C and 54151S, 1.5% for single Purchase Orders from \$150,000 to \$249,999 and 2.0% for single Purchase Orders over \$250,000.

**8. Prompt payment terms:** .05% Net 20 only for 518210C SkyMap offerings. Net 30 for 54151S and 518210C (Cloud Services) Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions.

**9. Foreign items:** None.

**10a. Time of delivery:** As mutually agreed.

**10b. Expedited Delivery:** As mutually agreed.

**10c. Overnight and 2-day delivery:** As mutually agreed.

**10d. Urgent Requirements:** As mutually agreed.

**11. F.O.B. Point:** Destination.

**12a. Ordering address:** 7927 Jones Branch Drive, Ste 400 McLean, VA 22102-3312.

**12b. Ordering procedures:** For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in Federal Acquisition Regulation (FAR) 8.405-3.

**13. Payment address:** 7927 Jones Branch Drive, Ste 400 McLean, VA 22102-3312.

**14. Warranty provision:** Workmanlike manner.

**15. Export packing charges:** Not applicable.

**16. Terms and conditions of rental, maintenance, and repair:** Not applicable.

**17. Terms and conditions of installation:** Not applicable.

**18a. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices:** Not applicable.

**18b. Terms and conditions for any other services:** Not applicable.

**19. List of service and distribution points:** Not applicable.

**20. List of participating dealers:** Not applicable.

**21. Preventive maintenance:** Not applicable

**22a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants):** None

**22b. Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found:** Not Applicable.

The EIT standards can be found at [www.Section508.gov](http://www.Section508.gov)

**23. Unique Entity Identifier (UEI) number:** EUL2TR2LM5Z3.

**24. Notification regarding registration in System for Award Management (SAM) database:** Yes.

SIN	MFG	MFR #	PRODUCT DESCRIPTION	GSA	WARRANTY
518210C	Enquizit, Incorporated	SkyM-499	SkyMap monthly license. Charge per instance.100-499 instances	\$17.76	60 days
518210C	Enquizit, Incorporated	SkyM-999	SkyMap monthly license. Charge per instance.500-999 instances	\$17.00	60 days
518210C	Enquizit, Incorporated	SkyM-4999	SkyMap monthly license. Charge per instance.1000-4999 instances	\$16.06	60 days
518210C	Enquizit, Incorporated	SkyM-5000+	SkyMap monthly license. Charge per instance. 5000+ instances	\$14.55	60 days
518210C	Enquizit, Incorporated	SkyM-PlusServ	SkyMap monthly license. Charge per instance. Bundled with migration	\$1.32	60 days
518210C	Enquizit, Incorporated	Disc-499	Cloud Discovery. One-time charge per instance. 100-499 instances. On time setup fee of \$5000 per account required	\$189.42	60 days
518210C	Enquizit, Incorporated	Disc-999	Cloud Discovery. One-time charge per instance. 500-999 instances. On time setup fee of \$5000 per account required	\$181.36	60 days
518210C	Enquizit, Incorporated	Disc-4999	Cloud Discovery. One-time charge per instance. 1000-4999 instances. One time setup fee of \$5000 per account required	\$171.28	60 days
518210C	Enquizit, Incorporated	Disc-5000+	Cloud Discovery. One-time charge per instance. 5000+ instances. One time setup fee of \$5000 per account required	\$155.16	60 days
518210C	Enquizit, Incorporated	MigLS-499	Lift & Shift Cloud Migration. One-time charge per instance. 100-499 instances One time setup fee of \$10,000 per account required	\$2,083.63	60 days
518210C	Enquizit, Incorporated	MigLS-999	Lift & Shift Cloud Migration. One-time charge per instance. 500-999 instances One time setup fee of \$10,000 per account required	\$1,994.96	60 days
518210C	Enquizit, Incorporated	MigLS-4000	Lift & Shift Cloud Migration. One-time charge per instance. 1000-4999 instances One time setup fee of \$10,000 per account required	\$1,884.13	60 days
518210C	Enquizit, Incorporated	MigLS-5000+	Lift & Shift Cloud Migration. One-time charge per instance. 5000+ instances One time setup fee of \$10,000 per account required	\$1,795.47	60 days
518210C	Enquizit, Incorporated	MigRP-499	Replatform Cloud Migration. One-time charge per instance. 100-499 instances One time setup fee of \$10,000 per account required	\$3,030.73	60 days
518210C	Enquizit, Incorporated	MigRP-999	Replatform Cloud Migration. One-time charge per instance. 500-999 instances One time setup fee of \$10,000 per account required	\$2,901.76	60 days
518210C	Enquizit, Incorporated	MigRP-4000	Replatform Cloud Migration. One-time charge per instance. 1000-4999 instances. One time setup fee of \$10,000 per account required	\$2,740.55	60 days
518210C	Enquizit, Incorporated	MigRP-5000+	Replatform Cloud Migration. One-time charge per instance. 5000+ instances. One time setup fee of \$10,000 per account required	\$2,611.59	60 days
518210C	Enquizit, Incorporated	SkyB-001	One-time charge for a turnkey secure cloud environment.	\$105,768.26	60 days

**All Services will be performed at the Customers Facilities**

**518210C - Cloud-Related IT Professional Services**

**Operations Manager – (IT Networks)**

**Minimum Experience:** 8 years.

**Functional Duties:** Responsible for maintaining company's hybrid cloud network and ensure it is always stable. Work with Local Area Networks (LAN) that link up computers within the on-premise buildings with Virtual Private Cloud environments together in such a way that information can be shared between different locations. Develop, monitor/supervise, and ensure the implementation of all IT cloud security systems. Supervise and review the services being rendered by suppliers and vendors and decide on what aligns with the company's needs (in terms of network service). Assist members of the IT unit in carrying out their respective duties on an individual basis.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified SysOps Administrator – Associate, RHCE: Red Hat Certified Engineer, Oracle Linux System Administrator, Microsoft certified system administrator (MSCA), CompTIA Server+, VMware Certified Professional 6 - Data Center Virtualization, Project Management Professional (PMP), Certified Scrum Master (CSM).

**Business Analyst – (IT Systems)**

**Minimum Experience:** 5 years.

**Functional Duties:** Review, analyze, and evaluate user needs to create IT solutions utilizing process redesign and cloud computing technologies. Assignments include developing new processes to leverage elastic capabilities of cloud environments. Documents system requirements defines scope and objectives and creates system specifications that drive system development and implementation. Incumbents function as a liaison between IT and users that technical expertise.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Cloud Practitioner, CBAP (Certified Business Analyst Professional), IIBA Agile Analysis Certification (AAC), Certified Foundation Level Business Analyst (CFLBA), Certified Scrum Master (CSM), SAAFe Agilist Certification (SA).

**QA Analyst – (IT Systems)**

**Minimum Experience:** 5 years.

**Functional Duties:** Responsible for plan, design and execution of quality assurance framework to test cloud applications and infrastructure. Responsible for testing cloud elasticity and security along with application functionality. The QA Analyst works collaboratively within the IT department and customer units to execute and validate test cases based upon system requirements. Develop test plans, test cases, test scripts and test reports on multiple projects of varying size. Validate that user expectations are achieved during the testing process. Review user requirements documents to ensure that requirements are testable.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Cloud Practitioner, Certified Software Quality Analyst: (CSQA), CAST – Certified Associate In Software Testing, CAST – Certified Associate In Software Testing (Foundation Level), CSTE – (Certified Software Test Engineer), ISTQB – Advanced Level – Test Analyst, ISTQB – Advanced Level – Technical test Analyst, ISTQB – Advanced Level – Test Manager, ISTQB – Expert Level – Test Manager, IIST - Certified Agile Software Test Professional Practitioner Level (CASTP-P), IIST- Certified Agile Software Test Professional Master Level (CASTP-M).

## **QA Automation Engineer – (IT Systems)**

**Minimum Experience:** 5 years.

**Functional Duties:** Responsible for creating a test automation framework leveraging enterprise tools to test cloud applications and infrastructure. Evaluates cloud application concepts to design automated test process to ensure quality of functionality, security and cloud elasticity. Recommend appropriate automation framework and develop automated test scripts. Coordinate with product development engineers to design all test plans. Implement and Monitor the entire processes and prepare status reports for progress. Analyze all functional and non-functional requirements for all automation test framework and provide training to staff if required. Administer performance of all regression tests on cloud functional processes. Develop required test plans for various automated processes and coordinate with QA and engineering team to document all required test cloud plans.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Cloud Practitioner, ISTOB - Advanced Level Test Automation Engineer, V Skills- Certified Automation Functional Testing Professional, IIST - Certified Software Test Automation Specialist, IIST - Certified Software Test Automation Architect.

## **Cloud Support Engineer**

**Minimum Experience:** 5 years.

**Functional Duties:** The Cloud Support Engineer will take a role in the administration of infrastructure and applications in Amazon Web Services (AWS). He/she will be responsible for the applications architecture and support in Amazon Web Services and ensures continuous improvement, innovation and simplification. Ability to translate problems into practical, scalable technical solutions.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Cloud Practitioner, AWS Certified Developer – Associate, AWS Certified SysOps Administrator – Associate, AWS Certified Solutions Architect – Associate.

## **Jr. Cloud Developer**

**Minimum Experience:** 3 years.

**Functional Duties:** Develops cloud native applications using front- end, back end, database and cloud hosting tools. Delivers software products independently using functional specifications. Build user interfaces allowing end users to work within web applications in an intuitive manner with a strong focus on DevOps in a Cloud environment. Create RESTful web services allowing for integrations. Build new modules within existing frameworks to support automation in cloud processes. Work with analysts to define requirements for new builds. Troubleshoot technical issues and provide root cause analysis.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Cloud Practitioner, AWS Certified Developer – Associate, AWS Certified SysOps Administrator – Associate, AWS Certified Solutions Architect – Associate.

## **Jr. Cloud Security Engineer**

**Minimum Experience:** 3 years

**Functional Duties:** Responsible for Cloud Security for development and migration teams. Support the development and monitoring of their Security Management processes and supporting tools ensuring we meet regulatory obligations. Monitor security industry trends, developments and emerging cloud threats including sharing insight with wider team. Adoption of security solutions across the organization. Implement tools driven and highly automated approach to deliver their key security management processes by exploring investment in existing tooling and / or identify new

tool. Ensure the Cloud DevOps team has, or is actively developing, the skills required to successfully deliver managed service security solutions. Field and manage customer's technical issues via phone, chat and email.

**Minimum Education:** Bachelors.

Acceptable Certifications: AWS Certified Security – Specialty, Certificate of Cloud Security Knowledge, Certified Cloud Security Professional (CCSP), Certified Cloud Security Specialist (CCSS), Professional Cloud Security Manager, Certified Integrator Secure Cloud Services.

### **Jr. Developer**

**Minimum Experience:** 3 years.

**Functional Duties:** Responsible for working with an agile team to develop, test, and maintain cloud native applications. Assisting in the collection and documentation of user's requirements, development of user stories, and estimates. Preparing reports, manuals and other documentation on the status, operation and maintenance of software. Design, develop, and unit test applications in accordance with established standards. Participating in peer-reviews of solution designs and related code. Package and support deployment of releases. Developing, refining, and tuning integrations between applications. Analyze and resolving technical and application problems.

**Minimum Education:** Bachelors.

Acceptable Certifications: Amazon Web Services (AWS Certified Developer – Associate Level), Oracle (OCP, OCM, OCE), Cloudera Certified Apache Spark and Hadoop Developer (CCA Spark and Hadoop Developer), Microsoft Certified Solutions Developer (MCSD), Certified Secure Software Lifecycle Professional (CSSLP).

### **Operations support Engineer – (IT Networks)**

**Minimum Experience:** 5 years.

**Functional Duties:** Responsible to diagnose and solve problems with hardware, software, and company's hybrid cloud network. Order equipment and software and coordinate with vendors. Install, troubleshoot, and repair hardware, software, printers, phone and AV equipment. Review, audit, and revise policies affecting security and operability of cloud networks. Major incident and escalation management. Operations Centre team training. Attend team meetings and reporting to Operations Manager on any issues that could impact the agency.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Cloud Practitioner, RHCE: Red Hat Certified Engineer, Oracle Linux System Administrator, Microsoft certified system administrator (MSCA), CompTIA Server+, VMware Certified Professional 6 - Data Center Virtualization.

### **Cloud Engineer**

**Minimum Experience:** 5 years.

**Functional Duties:** Responsible for daily administration of a hybrid cloud environment. Installs, configures, and maintains system software. Monitors cloud network performance troubleshoots more complex issues and deploys solutions. Plans and implements upgrades, patches, and installation of new applications and equipment. Creates and maintains a disaster recovery, security and backup and restore plan and policy. Lead the evaluation of new technologies and perform analysis/feasibility studies to guide decisions on the best way to optimize network efficiency and performance.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Advanced Networking - Specialty, AWS Certified Solutions Architect - Associate (Cloud), AWS Certified Solutions Architect - Professional (Cloud), AWS Certified SysOps Administrator - Associate, Network Administrator Certification.

## **Systems Analyst**

**Minimum Experience:** 8 years.

**Functional Duties:** Review, analyze, and evaluate user needs to create IT solutions utilizing redesign in cloud computing technologies. Assignments include developing new cloud processes to leverage elastic capabilities of cloud. Documents system requirements defines scope and objectives and creates system specifications that drive system development and implementation of cloud solutions. Incumbents function as a liaison between IT and users and have both business and technical expertise. Meet and coordinate with internal customer staff to establish project scope, system goals, and requirements. Translate highly technical specifications into clear non-technical requirements. Implement cloud solutions for scalability, supportability, ease of maintenance, and system performance.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Cloud Practitioner, RHCE: Red Hat Certified Engineer, Oracle Linux System Administrator, Microsoft certified system administrator (MSCA), CompTIA Server+, VMware Certified Professional 6 - Data Center Virtualization

## **Scrum Master**

**Minimum Experience:** 8 years.

**Functional Duties:** Responsible to execute Daily Scrum for multiple Cloud IT Scrum teams. Tailoring and following the Agile Play Book and Process to support delivery of cloud centric projects. Facilitate Planning, Grooming, Retrospectives and other Scrum ceremonies. Work with product owner, and extended teams to ensure seamless delivery. Support culture change to improve delivery agility. Coaching to team members who are new to Scrum and Agile practices. Provide input and champion cloud initiatives based on feedback. Help teams be agile and build high performing Agile teams. Facilitating release and sprint planning efforts, stand-ups, sprint demos. Supporting Team building and Team development by utilizing the abilities and skills of individuals and fostering a feedback culture. Work cooperatively on integrated team to quickly and successfully address any associated risks and issues.

**Minimum Education:** Bachelors.

Acceptable Certifications: AWS Certified Cloud Practitioner, Certified Scrum Master (CSM), SAFe Agilist Certification (SA).

## **Cloud Security Engineer**

**Minimum Experience:** 8 years.

**Functional Duties:** Responsible for securing highly visible applications on AWS Cloud. Integrating monitoring, alerting and scaling. Support FedRAMP moderate certification and accreditation for such applications. Operationalizing applications on AWS. SME on Industry and AWS Cloud security best practices for a varied and dynamic team operating in an Agile environment.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** Certificate of Cloud Security Knowledge, Certified Cloud Security Professional (CCSP), Certified Cloud Security Specialist (CCSS), Professional Cloud Security Manager, Certified Integrator Secure Cloud Services, AWS Certified Security - Specialty

## **Full Stack Developer**

**Minimum Experience:** 10 years.

**Functional Duties:** Designs, develops, integrates, and delivers cloud native applications using front- end, back end, database and cloud hosting tools. Delivers software products independently using functional specifications. Utilizes all layers of the stack to complete coding, UI/UX, database integrations, and deployment activities. Provides test plans.



Experienced with AWS, API integration and cloud-based architecture. Is proficient in the utilization of a variety of development programming languages such as C#, C++, JavaScript, Python, Ruby, Java, PHP, SQL, SQLServer, Oracle, MySQL, MongoDB, Redis, and HTML/CSS. Uses version control tools such as GIT, SVN, Mercurial and /or frameworks such as MEAN, Django, LAMP, or Ruby on Rails.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Developer Associate, SA Associate, AWS DevOps Professional, SA Professional

### **UI Developer**

**Minimum Experience:** 6 years

**Functional Duties:** Designs user interfaces for cloud native applications and develops web-based technical solutions that engage users and meet the customer requirements. Handles projects from conceptualization through delivery. Develops and applies creative designs, ensuring that content meets brand standards and targets the intended audience. Designs and develops the web infrastructure including back-end database development and the construction of SQL queries via CGI scripting. Tests and improves site usability while ensuring optimal performance on a variety of browsers. Requires knowledge of web technologies and tools such as HTML, Shockwave, Photoshop, Illustrator, Adobe Flex, Adobe Flash, JavaScript, CSS, Ruby, Python, PERL, PHP, Active Server Pages, and C#. Responsible for development using JavaScript and front-end frameworks such as Angular, React, Bootstrap etc. Develop responsive, section 508 compliant, UX engaging web interfaces. Full stack web development and Test-Driven Development (TDD) or Behavior Driven Development (BDD). Responsible for secure coding practices.

**Minimum Education:** Bachelors

**Acceptable Certifications:** AWS Certified Cloud Practitioner, Microsoft Technology Associate - MTA: HTML5 Application Development Fundamentals (98-375), W3 HTML5 Developer Certificate, MCSD: Web Applications Solutions Developer, Google Mobile Sites Certification, Adobe Certified Expert (ACE), | Udemy, Front-End Web Developer.

### **UX Engineer**

**Minimum Experience:** 6 years.

**Functional Duties:** Applies user-centered design principles to improve the workflow, expand the functionality, and enhance the visual appeal of cloud applications and mobile apps. Gathers requirements for users, defines information architecture, creates sample user personas, and documents user workflow. Designs wireframes, mockups, and prototypes. Applies the results from user research and usability testing to create new features and improve current features. Requires knowledge of HTML, JavaScript, Line to and FLASH. May perform user research, usability testing, or facilitate focus groups. May require familiarity with various graphic design software packages. Work with product owners, and engineers to deliver a platform to identify user needs and validate design decisions. Produce end-to-end experiences, including prototypes, wireframes, map workflows, interaction design, and visual design, representing the user always. Participate in discovery sessions, formative studies, usability testing, and other forms of design research. Ships product and can demonstrate end-to-end experience.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Cloud Practitioner, Nielsen Norman Group: UX and UX Master Certification, Human Factors International: Certified Usability Analyst or Certified User Experience Analyst, UX Design Institute Professional Diploma in UX, Design lab UX Academy, General Assembly UX Design Immersive.

## **Change Management Expert - IT**

**Minimum Experience:** 8 years.

**Functional Duties:** Plan and oversee the rollout of new cloud native application and updates to the existing application platforms. Coordinate the training and adoption of these software releases. Create, update, and maintain training documentation for analysts and users, so that they can easily understand and begin using the application platform. Create training material, including documents, handouts, flyers, videos, and other rich forms of media that are commonly consumed as part of modern training programs. Conduct webinars, online training's, and in-class room training, including occasional travel to different client sites where primary personnel are located. Create "Train the Trainer" type documentation that can be distributed widely and used to exponentially scale the change management efforts associated with this contract. Conceive of, create, distribute, and measure the results of training and adoption, so that the program can understand how well new products are performing in the wild.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Cloud Practitioner, Certified Change Management Professional (CCMP), Change Management Specialist (CMS), Certified Problem and Change Manager (CPCM), Change Management Certificate Program from the Association for Talent Development, Prosci Change Management Certification.

## **PMO/Project Manager**

**Minimum Experience:** 10 years.

**Functional Duties:** Program Management Office Manager manages day-to-day activities in the Program Management Office (PMO) to ensure IT programs and projects to meet the agencies goals and requirements. Implements and provides guidance related to PMO support, oversees the work of project management staff, and works with other department leaders to define, prioritize, and develop projects and programs. The Program Management Office Manager manages subordinate staff in the day-to-day performance of their jobs. Has full authority for personnel actions. Extensive knowledge of department processes. 1 to 3 years supervisory experience may be required.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Cloud Practitioner, Project Management Professional (PMP), Certified Scrum Master (CSM), SAFe Agilist Certification (SA)

## **Cloud Solutions Architect**

**Minimum Experience:** 10 years.

**Functional Duties:** Responsible for complete oversight for managing the overall design, development and deployment of a cloud environment. May have oversight for the work related to a specific component of the solution architecture. Oversees the capture, analysis, and synthesis of both the technical and business requirements; the development of the conceptual and detailed design of the cloud environment; and overall responsibility and technical leadership of the delivery team.

**Minimum Education:** Bachelors

**Acceptable Certifications:** AWS Certified Solutions Architect – Professional/Associate

## **Applications Architect**

**Minimum Experience:** 10 years

**Functional Duties:** Responsible to consistently provide valuable suggestions and solutions in areas of cloud native application development, use and maintenance. Have effective leadership skills with ability to lead project development teams in areas of application software design, development, testing and implementation utilizing cloud

concepts of high availability, elasticity and security. Create custom solutions. Ensure seamless integration of new and existing systems to eliminate potential problems and maintain data structure and integrity.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Solution Architect - Professional, ITIL Master (Axelos), TOGAF 9 (The Open Group).

### **Security Architect**

**Minimum Experience:** 10 years.

**Functional Duties:** Identify or resolve highly complex issues to prevent cyberattacks on cloud systems or keep computer information systems secure from interruption of service, intellectual property theft, network viruses, data mining, financial theft, or theft of sensitive customer data, allowing business to continue as normal. The Security Specialist designs, installs, and manages security mechanisms that protect cloud environments and information systems against hackers, breaches, viruses, and spyware.

**Minimum Education:** Bachelors

**Acceptable Certifications:** Certificate of Cloud Security Knowledge, Certified Cloud Security Professional (CCSP), Certified Cloud Security Specialist (CCSS), Professional Cloud Security Manager, Certified Integrator Secure Cloud Services, AWS Certified Security – Specialty, CREST Registered Technical Security Architecture (CRTSA), GIAC® Defensible, Security Architecture (GDSA), IACRB’s Certified SCADA Security Architect (CSSA) , (ISC)²’s CISSP – ISSAP (Information Systems Security Architecture Professional).

### **Database Engineer**

**Minimum Experience:** 10 years.

**Functional Duties:** Design, develop and deliver / implement cloud database solutions using cloud database technologies. Support and maintain data and database systems to meet agency delivery specifications and needs. Requires extensive experience and knowledge of migrating to and managing cloud databases. Responsible for architecture design, prototyping of concepts to proof of concept, development of standards, design and development of test plans, code and module design, development and testing, data solution debugging, design and implementation of a solution that follows efficient design techniques and development that meets and exceeds the intent of the design of the data solution.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Database – Specialty, AWS Certified Solution Architect – Professional, IBM Certified Database Administrator – DB2, Microsoft SQL Server database certifications, Oracle Certified Professional, MySQL Database Administrator, Oracle Database Administrator.

### **Senior Consultant – (Data Science)**

**Minimum Experience:** 12 years.

**Functional Duties:** Participate in the development of machine learning, data mining, and statistical or graph-based algorithms designed to fuse and analyze massive data sets. Plays an integral role in successfully executing client engagements and maintaining an agencies reputation for quality service. Works independently as well as in teams. Solves problems and comes up with ideas and utilizes the right technology to solve agency problems. Leverage knowledge of requirements analysis, installation, integration, evaluation, enhancement, maintenance, testing, and diagnosis or resolution. Conduct software development, software integration, statistical analysis, modeling, and simulation all in a rapid Cloud DevOps environment.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Machine Learning – Specialty, AWS Certified Solution Architect - Professional, ITIL Master (Axelos), TOGAF 9 (The Open Group)

### **Delivery Manager**

**Minimum Experience:** 12 years.

**Functional Duties:** Responsible to identify and remove any or all things that are hindering or 'blocking' the teams, so the team can deliver cloud application and infrastructure services. Has ability to define and drive technical solutions and deliver products from multi-year and multi-team. Manage delivery demand for technology as a liaison with all levels of an agency, product and technology leadership. Demonstrate experience working with technology leadership to translate product requirements into technology roadmaps. Demonstrate experience working with latest and emerging cloud technologies.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Solution Architect, ICP-APM - Agile Project and Delivery Management - Professional certification, ICP-DAS - Delivery at Scale - Professional certification, ICAgile Certified Expert in Delivery Management (ICE-DM) certification.

### **Sr. Cloud Architect**

**Minimum Experience:** 12 years.

**Functional Duties:** Support development and implementation of cloud-based solutions in a client facing role. Plan, design, and scale AWS cloud implementations using the guidelines and principals recommended by Amazon. Solutions include moving complex IT operations and assets from on-premise to cloud environment, evaluation and optimization of security, performance, governance and other operations which already exist in cloud and providing guidance and training to client's staff to adopt cloud computing.

**Minimum Education:** Bachelors.

Acceptable Certifications: AWS Certified Solutions Architect – Professional (Amazon Web Services), ITIL Master (Axelos), TOGAF 9 (The Open Group), Zachman Certified – Enterprise Architect (Zachman)

### **Sr. Applications Architect**

**Minimum Experience:** 12 years.

**Functional Duties:** Responsible for guiding teams in design, development, integration, and testing of cloud native applications in a DevOps environment. Plan, design, and scale AWS cloud implementations using the guidelines and principals recommended by Amazon. Provides guidelines to the applications maintenance teams by understanding all the applications. Design and analyze cloud features and impacts, run software tests, develop product prototypes and create technical documents and manuals relating to application development. Monitor the whole system, understand all interactions between components on a given level of abstraction, as well as to define limitations and requirements for source code.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Solutions Architect – Professional (Amazon Web Services), ITIL Master (Axelos), TOGAF 9 (The Open Group), Zachman Certified – Enterprise Architect (Zachman).

## **Sr. Cloud Security Architect**

**Minimum Experience:** 12 years.

**Functional Duties:** Work with other software/infrastructure architects and leads to ensure that the security components (security technology, operations, and management) are integrated into the design as defined in the requirements. Plan, design, and scale AWS cloud implementations using the guidelines and principals recommended by Amazon. Design applications to help the enterprise reduce attacks on cloud service, create preventative features, and implement corrective controls when breaches do occur. Assess the software/systems security architecture, ensuring that it meets the agency security requirements as well as industry regulations. Participate in decisions regarding hardware, network products, and software for security architecture. When applicable, work with the solution integration architect on these tasks. Obtain agency buy in for designs. Validate the design with the agency to ensure that the design satisfies the requirements. Review security architecture deliverables throughout software/system development to ensure quality and requirement traceability. Ensure adherence to all security industry high standards. Participate in confirming the completeness and consistency of the design deliverables. Assist with Resolution of any inconsistencies discovered.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** Certificate of Cloud Security Knowledge, Certified Cloud Security Professional (CCSP), Certified Cloud Security Specialist (CCSS), Professional Cloud Security Manager, Certified Integrator Secure Cloud Services, AWS Certified Security – Specialty.

## **Engagement Manager – (Cloud Systems)**

**Minimum Experience:** 15 years.

**Functional Duties:** Lead agile team(s) and work with cross-functional development teams responsible for delivering cloud-centric products and services. Efficiently lead projects by working with executives, end users, analysts, architects, data integration development, reporting development, testing, training, and infrastructure teams to plan and complete the project with agile incremental deliveries within the overall project timelines. Champion in providing technical recommendations and proactive advice through all phases of the implementation life cycle. Demonstrate experience working with latest and emerging cloud technologies.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Solutions Architect, Project Management Professional (PMP), Certified Scrum Master (CSM), SAFe Agilist Certification (SA).

## **AWS - Program Manager**

**Minimum Experience:** 12 years.

**Functional Duties:** Provide management and oversight of AWS Cloud transformation projects using proprietary knowledge of AWS tools and technologies. Plan, design, and scale AWS cloud implementations using the guidelines and principals recommended by Amazon. Responsible for managing all activities performed by the entire team, to satisfy the requirements identified in the Statement of Work (SOW). Work with the existing vendor PM to ensure successful execution of tasks. Work with Federal and contract staff from other task orders directly and in teaming arrangements -communication and coordination of tasks with the incumbent vendor through the performance period of this contract is vital to ensuring successful outcomes. Lead and manage entire project. Prepare and maintain Project Management Plan. Provide and execute a project transition-in & out plan. Responsible for day-to-day oversight of contractor personnel. Efficiently execute authority to make all commitments and decisions for all elements project and proactively address all customer concerns.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Solutions Architect – Professional (Amazon Web Services) Project Management Professional (PMP), Certified Scrum Master (CSM), SAFe Agilist Certification (SA).

## **AWS – Architect**

**Minimum Experience:** 12 years.

**Functional Duties:** Provide technical guidance and oversight of AWS Cloud transformation projects using proprietary knowledge of AWS tools and technologies. Plan, design, and scale AWS cloud implementations using the guidelines and principals recommended by Amazon. Responsible for guiding teams in design, development, integration, and testing of cloud native applications in a DevOps environment and/or cloud infrastructure management. Provides guidelines to the applications maintenance teams by understanding all the applications. Design and analyze cloud features and impacts, run software tests, develop product prototypes and create technical documents and manuals relating to application development. Monitor the whole system, understand all interactions between components on a given level of abstraction, as well as to define limitations and requirements for source code.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Solutions Architect – Professional (Amazon Web Services).

## **AWS - Security Architect**

**Minimum Experience:** 12 years.

**Functional Duties:** Provide security expertise and guidance to AWS Cloud transformation projects using proprietary knowledge of AWS tools and technologies. Help develop advanced cloud-based solutions and migrate existing workloads to the cloud. Plan, design, and scale AWS cloud implementations using the guidelines and principals recommended by Amazon. Design solutions to meet customer needs and agency goals, developing technical solutions and pre-sales deliverables in support of customer goals. Formulate solution plans and provide guidance on AWS architectural benchmarks. Provide guidance on issues such as performance, cost, disaster recovery or security concerns. Write scripts, work on migrations, keep up with new AWS features, or troubleshoot.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Security - Specialty, Certificate of Cloud Security Knowledge, Certified Cloud Security Professional (CCSP), Certified Cloud Security Specialist (CCSS), Professional Cloud Security Manager, Certified Integrator Secure Cloud Services.

## **Sr. DevOps Engineer**

**Minimum Experience:** 12 years.

**Functional Duties:** Design, build and maintain a stable and efficient infrastructure to optimize service delivery across production, QA, and development cloud environments throughout the development lifecycle. Plan, design, and scale AWS cloud implementations using the guidelines and principals recommended by Amazon. Monitor, troubleshoot, maintain, and continuously improve building, packaging, and deployment goals. Implement automated infrastructure capabilities like backups, security tools, monitoring. Utilize a consistent DevOps approach to improve all phases to ensure end-to-end quality across functions. Knowledge of deployment/configuration management tools like Jenkins, Maven, Puppet, or Ansible. Utilizes version control tools like GIT, Bitbucket, SVN, or CVS. Experienced with network infrastructure, database, cloud and data center operations, and security protocols. Strong knowledge of Linux and/or Windows OS. Understands AWS and other services. Experience with programming and scripting with languages like Python, Perl, Bash, PHP, Java, SQL, or C#.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified DevOps Engineer Professional, Solutions Architect Professional.

### **Jr. DevOps Engineer**

**Minimum Experience:** 6 years.

**Functional Duties:** Design, build and maintain a stable and efficient infrastructure to optimize service delivery across production, QA, and development cloud environments throughout the development lifecycle. Plan, design, and scale AWS cloud implementations using the guidelines and principals recommended by Amazon. Monitor, troubleshoot, maintain, and continuously improve building, packaging, and deployment tools. Implement automated infrastructure capabilities like backups, security tools, monitoring. Utilize a consistent DevOps approach to improve all phases of the process and ensure end-to-end quality across functions. Knowledge of deployment/configuration management tools like Jenkins, Maven, Puppet, or Ansible. Utilizes version control tools like GIT, Bitbucket, SVN, or CVS. Experienced with network infrastructure, database, cloud and data center operations, and security protocols. Strong knowledge of Linux and/or Windows OS. Understands AWS and other services. Experience with programming and scripting with languages like Python, Perl, Bash, PHP, Java, SQL, or C#.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Advanced Networking – Specialty, AWS Certified Security – Specialty.

### **Program Manager** – (Cloud Systems)

**Minimum Experience:** 10 years.

**Functional Duties:** Provide management and oversight of all activities performed by contractor personnel, including subcontractors, to satisfy the requirements of cloud application and infrastructure projects. Work with the existing vendor PM to ensure successful execution of tasks. Work with Federal and contract staff from other task orders directly and in teaming arrangements -communication and coordination of tasks with the incumbent vendor through the performance period of this contract is vital to ensuring successful outcomes. Lead and manage entire project. Prepare and maintain Project Management Plan. Provide and execute a project transition-in & out plan. Responsible for day-to-day oversight of contractor personnel. Efficiently execute authority to make all commitments and decisions for all elements project and proactively address all customer concerns.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Solutions Architect, Project Management Professional (PMP), Certified Scrum Master (CSM), SAFe Agilist Certification (SA)

### **A&A Compliance Specialist** – (Cloud Systems)

**Minimum Experience:** 10 years.

**Functional Duties:** Provide security assessment and authorization support for information systems hosted in public/private cloud environments as well as internal data centers. Assist in formal management decision by explaining the risks based on the implementation of an agreed-upon set of security controls in order to authorize operation of an information system. Provide most complete, accurate, and trustworthy information possible on the security status of the information systems, in order to aid management, make timely, credible, risk-based decisions as to whether to authorize system operations. Develop information and supporting evidence needed for security accreditation by conducting a detailed security review of an information system, typically referred to as security certification. Maintain security A&A governance policy and guides updated or augmented in accordance with the standards and policies in effect at that time.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Cloud Practitioner, Certified Authorization Professional | CAP.



## **SOC Engineer**

**Minimum Experience:** 5 years.

**Functional Duties:** Use technical knowledge on cloud security technologies to analyze and respond to security threats from various security platforms and technologies. Responsible for initial triage of incoming client issues. Analyze and respond to security threats from various security platforms and technologies. Responsible for maintaining tools, recommending new tools, and updating systems. Specialize in SIEM platforms. Responsible for building the security architecture and systems. They typically work with development operations teams to ensure that systems are up to date. Additionally, document requirements, procedures, and protocols to ensure that other users have the right resources.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Security – Specialty, Certified SOC Analyst, SOC 2 Audit and Certification.

## **Penetration Tester**

**Minimum Experience:** 10 years.

**Functional Duties:** Conduct Tests on Networks and cloud-based applications, and computer systems. Design these tests and tools to try to break into security-protected applications and networks to probe for vulnerabilities. Keep up with the latest methods for ethical hacking and testing and are always evaluating new penetration testing tools. Conduct assessments of cloud environments, systems, and network security. Look for ways to exploit vulnerabilities and design solutions to security issues like temperature, humidity, vandalism, and natural disasters. Use testing methods to pinpoint ways that attackers could exploit weaknesses in security systems. Conduct network and system security audits, which evaluate how well agencies system conforms to a set of established criteria. Analyze security policies for effectiveness, make suggestions on security improvements, and work to enhance material documentation. Document findings after research and testing, write security reports, and discuss solutions with IT teams and management. Provide feedback and verification after security fixes are issued.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Security – Specialty.

## **AWS DevSecOps Engineer**

**Minimum Experience:** 10 years.

**Functional Duties:** Provide DevSecOps expertise and guidance to AWS Cloud transformation projects using proprietary knowledge of AWS tools and technologies. Work in a DevSecOps model requiring embedded Security Engineers working closely with DevOps Engineers focused on secure software delivery. Plan, design, and scale AWS cloud implementations using the guidelines recommended by Amazon. Support security automation efforts, focusing on workflow definition and its subsequent codification. Develop automation content for key security activities that focus on interrogation of the API over typical audits and assessment functions to derive state. Expected to collaborate closely with DevOps teams and the agency Security Engineering Division to automate and build security into the development of application and system codes. Ensure proposed security architecture or major changes to an existing architecture comply with agency security requirements prior to implementation or redesign and are generally secure by design. Experience with code deployments, including management of CI and CD tools with team, in all environments Experience with Scrum/Kanban/SAFe and Agile workflow. Experience with Infrastructure-as-Code. Experience with container and container orchestration.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified DevOps Engineer, AWS Certified Sysops Engineer, AWS Certified Security – Specialty.



### **Process Engineer – (IT Systems)**

**Minimum Experience:** 10 years.

*Functional Duties:* Assist with the development of Security Governance standards and expected Operating Procedures to support IT systems (AWS Cloud systems in particular). Provide recommendations on the effectiveness of the existing processes, make recommendations for changes and implement those recommendations. Ensure IT Services are formalized with defined processes, documented Standard Operation Practices (SOPs), metrics and measurements. Review the KPI monitoring systems and determine ways to improve IT operations. Create an analytical process that justifies agency decisions. Applies design, mapping and quality assurance tools to define processes. Provides post production support for issue management and resolution. Analyze capital expenditures and project designs to help find ways to cut costs and move to OPEX models.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified Cloud Practitioner, CPE – CERTIFIED PROCESS ENGINEER.

### **DevSecOps Engineer**

**Minimum Experience:** 10 years.

*Functional Duties:* Provide DevSecOps expertise and guidance to AWS Cloud transformation projects. Work in a DevSecOps model requiring embedded Security Engineers working closely with DevOps Engineers focused on secure software delivery. Plan, design, and scale AWS cloud using the guidance recommended by Amazon. Support security automation efforts, focusing on workflow definition and its subsequent codification. Develop automation content for key security activities that focus on interrogation of the API over typical audits and assessment functions to derive state. Expected to collaborate closely with DevOps teams and the agency Security Engineering Division to automate and build security into the development of application and system codes. Ensure proposed security architecture or major changes to an existing architecture comply with agency security requirements prior to redesign and are generally secure by design. Experience with code deployments, including management of CI and CD tools with team, in all environments. Experience with Scrum/Kanban/SAFe and Agile workflow practices. Experience with Infrastructure-as-Code. Experience with container and container orchestration.

**Minimum Education:** Bachelors

**Acceptable Certifications:** AWS Certified DevOps Engineer, AWS Certified Sysops Engineer, AWS Certified Security – Specialty.

### **DevOps Engineer**

**Minimum Experience:** 6 years.

**Functional Duties:** Design, build and maintain a stable and efficient cloud infrastructure (AWS in particular) to optimize service delivery using code (Infrastructure as Code). Work with Security Engineers and DevSecOps engineers closely in a DevSecOps model focused on secure software delivery. Plan, design, and scale AWS cloud implementations using the guidelines recommended by Amazon. Monitor, troubleshoot, maintain, and continuously improve building, packaging, and deployments. Automated infrastructure capabilities like backups, security tools, monitoring. Utilize a consistent DevOps approach to improve all phases of the process and ensure end-to-end quality across functions. Knowledge of deployment/configuration management tools like Jenkins, Maven, Puppet, or Ansible. Utilizes version control tools like GIT, Bitbucket, SVN, or CVS. Experienced with network infrastructure, database, cloud and data center operations, and security protocols. Strong knowledge of Linux and/or Windows OS. Experience with programming and scripting with languages like Python, Perl, Bash, PHP, Java, SQL, or C#.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** AWS Certified DevOps Engineer Professional, Solutions Architect Professional.

## **SIN 54151S- Information Technology Professional Services - Labor Title Descriptions**

### **Engagement Manager** – (Non-cloud systems)

**Minimum Experience:** 10 years

**Functional Duties:** Lead agile team(s) and work with cross-functional development teams responsible for delivering classic on-premise application development and infrastructure support projects. Efficiently lead projects by working with agency heads, end users, agency analysts, architects, data integration development, reporting development, testing, training, and infrastructure teams to plan and complete the project with agile incremental deliveries within the overall project timelines. Champion in providing technical recommendations and proactive advice through all phases of the implementation of the project.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** Project Management Professional (PMP), Certified Scrum Master (CSM), SAFe Agilist Certification (SA).

### **DBA Consultant**

**Minimum Experience:** 8 years.

**Functional Duties:** Provide technical support of non-cloud database environments/applications, including software installation, database creation, upgrades, patches, problem diagnosis, performance monitoring, database/pipeline maintenance, automation, evaluation, and tuning recommendations. Establish the needs of users and monitor user access and security. Monitor performance and manage parameters in order to provide fast responses to front-end users. Install and test new versions of the database management system (DBMS). Maintain data standards, including adherence to the Data Protection Act. Write database documentation, including data standards, procedures and definitions for the data dictionary (metadata). Control access permissions and privileges. Develop, manage and test back-up and recovery plans.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** IBM Certified Database Administrator – DB2, Microsoft SQL Server database certifications, Oracle Certified Professional, MySQL Database Administrator, Oracle Database Administrator

### **Sr. Analyst Developer**

**Minimum Experience:** 8 years.

**Functional Duties:** Designs, develops, integrates, and delivers classic on-premise applications. Is proficient in the utilization of a variety of development programming languages such as C#, C++, JavaScript, Java, PHP, SQL and HTML/CSS. Uses version control tools such as GIT. Produce clean, efficient code based on specifications. Integrate software components and third-party programs. Verify and deploy programs and systems. Troubleshoot, debug and upgrade existing software. Gather and evaluate user feedback. Create technical documentation for reference and reporting.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** Microsoft Certified Solutions Developer (MCSD), Certified Secure Software Lifecycle Professional (CSSLP).

### **Sr. Developer**

**Minimum Experience:** 8 years.

**Functional Duties:** Designs, develops, integrates, and delivers classic on-premise applications. Delivers software products independently using functional specifications. Is proficient in the utilization of a variety of development programming languages such as C#, C++, JavaScript, Java, PHP, SQL and HTML/CSS. Uses version control tools such as GIT. Work with developers to design algorithms and flowcharts. Produce clean, efficient code based on specifications. Integrate software components and third-party programs. Verify and deploy programs and systems. Guide other developers, Troubleshoot, debug and upgrade existing software. Gather and evaluate user feedback. Recommend and execute improvements. Create technical documentation for reference and reporting.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** Oracle (OCP, OCM, OCE), Cloudera Certified Apache Spark and Hadoop Developer (CCA Spark and Hadoop Developer), Microsoft Certified Solutions Developer (MCSD), Certified Secure Software Lifecycle Professional (CSSLP).

### **Oracle/WebLogic Admin**

**Minimum Experience:** 10 years.

**Functional Duties:** Install, Configure, Monitor and support clustered Oracle database and WebLogic environments. Configure OSB/ SOA suite and on WebLogic domain. Deployment of composites on SOA suite using EM as well as ANT scripts. Responsible for performance monitoring and tuning Oracle DB and WebLogic environments. Monitor servers using scripts, WLSP and third-party tools. Log Analysis and Error resolution. Upgrade and patching of servers. Experience in maintaining and support the various components of Oracle Fusion Middleware based Applications. Work with development team to perform root Cause Analysis. Coordinate with team to maintain Service Level Agreements. Preparation and maintenance of technical documentation.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** Oracle Database Certified Associate, WebLogic Server 12c Administrator certification.

### **ColdFusion / BI Developer**

**Minimum Experience:** 10 years.

**Functional Duties:** Designs, develops, integrates, and delivers classic on-premise applications using Adobe ColdFusion and Oracle BI. Delivers software products independently using functional specifications. Is proficient in the utilization of a variety of development programming languages such as ColdFusion, Oracle BI, JavaScript, Java, PHP, SQL and HTML/CSS. Uses version control tools such as GIT. Work with developers to design algorithms and flowcharts. Produce clean, efficient code based on specifications. Integrate software components and third-party programs. Verify and deploy programs and systems. Guide other developers, Troubleshoot, debug and upgrade existing software. Gather and evaluate user feedback. Recommend and execute improvements. Create technical documentation for reference and reporting.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** Adobe ColdFusion Specialist Certificate Program.

### **Java Cloud Developer**

**Minimum Experience:** 10 years.

**Functional Duties:** Strong background in building scalable, predictable, high-quality, high-performance applications on AWS environment using Java. Plan, design, and scale AWS cloud implementations using the guidelines recommended by Amazon. Work directly with architect, technical lead and other team members on design and development tasks. Accountable for meeting delivery milestones. Configuring tools, write scripts, invoke tool API's etc. to design solutions that are customized for the enterprise and individual product/project needs. Conduct code review, and testing. Document design, approach, and user guides. Implement security architecture, and other cross cutting concerns identified to meet the agency needs.

**Minimum Education:** Bachelors

**Acceptable Certifications:** Oracle Certified Associate Java Programmer - OCAJP, Oracle Certified Professional Java Programmer - OCPJP, AWS certified Developer - Associate level

### **Jr. UX Engineer**

**Minimum Experience:** 3 years.

**Functional Duties:** Applies user-centered design principles to improve the workflow, expand the functionality, and enhance the visual appeal of web-based applications and mobile apps. Design high-fidelity mockups to communicate concepts to clients and / or internal users. Gathers requirements from users, defines information architecture, creates sample user personas, and documents user workflow. Designs wireframes, mockups, and prototypes. Applies the results from user research and usability testing to create new features and improve current features. Requires knowledge of HTML, JavaScript, Line to and FLASH. May perform user research, usability testing, or facilitate focus groups. May require familiarity with various graphic design software packages. Participate in discovery sessions, formative studies, usability testing, and other forms of design research. Ships product and can demonstrate end-to-end experience.

**Minimum Education:** Bachelors.

Acceptable Certifications: Human Factors International: Certified Usability Analyst or Certified User Experience Analyst, UX Design Institute Professional Diploma in UX, Designlab UX Academy, General Assembly UX Design Immersive.

### **Java Developer**

**Minimum Experience:** 10 years.

**Functional Duties:** Strong background in building scalable, predictable, high-quality, high-performance “classic non-cloud applications” using Java. Work directly with architect, technical lead and other team members on design and development tasks. Accountable for meeting delivery milestones. Configuring tools, write scripts, invoke tool API's etc. to design solutions that are customized for the agency and individual product/project needs. Conduct code review, and testing. Document design, approach, and user guides. Implement security architecture, and other cross cutting concerns identified to meet the agency needs.

**Minimum Education:** Bachelors.

**Acceptable Certifications:** Oracle Certified Associate Java Programmer - OCAJP, Oracle Certified Professional Java Programmer - OCPJP, Oracle Certified Expert - Web Component Developer – OCEWCD.

SIN	Labor Category	GSA Rates covering 09/23/2022 to 09/22/2023	GSA Rates covering 09/23/2023 to 09/22/2024	GSA Rates covering 09/23/2024 to 09/22/2025
518210C	Operations Manager - IT Networks	\$146.42	\$149.93	\$153.53
518210C	Business Analyst - IT Systems	\$148.54	\$152.10	\$155.75
518210C	QA Analyst - IT Systems	\$148.54	\$152.10	\$155.75
518210C	QA Automation Engineer - IT Systems	\$148.54	\$152.10	\$155.75
518210C	Cloud Support Engineer	\$148.54	\$152.10	\$155.75
518210C	Jr. Cloud Developer	\$149.48	\$153.06	\$156.74
518210C	Jr. Cloud Security Engineer	\$150.73	\$154.35	\$158.05
518210C	Jr. Developer	\$154.51	\$158.22	\$162.02
518210C	Operations Support Engineer - IT Networks	\$154.51	\$158.22	\$162.02
518210C	Cloud Engineer	\$185.67	\$190.13	\$194.69
518210C	Systems Analyst	\$185.67	\$190.13	\$194.69
518210C	Scrum Master	\$206.89	\$211.86	\$216.94
518210C	Cloud Security Engineer	\$206.89	\$211.86	\$216.94
518210C	Full Stack Developer	\$206.89	\$211.86	\$216.94
518210C	UI Developer	\$206.89	\$211.86	\$216.94
518210C	UX Engineer	\$206.89	\$211.86	\$216.94
518210C	Cloud Management Expert - IT	\$206.89	\$211.86	\$216.94
518210C	PMO/Project Manager	\$238.72	\$244.45	\$250.32
518210C	Cloud Solutions Architect	\$238.72	\$244.45	\$250.32
518210C	Applications Architect	\$238.72	\$244.45	\$250.32
518210C	Security Architect	\$238.72	\$244.45	\$250.32
518210C	Database Engineer	\$238.72	\$244.45	\$250.32
518210C	Senior Consultant - Data Science	\$259.94	\$266.18	\$272.57
518210C	Delivery Manager	\$259.94	\$266.18	\$272.57
518210C	Sr. Cloud Architect	\$259.94	\$266.18	\$272.57
518210C	Sr. Applications Architect	\$259.94	\$266.18	\$272.57
518210C	Sr. Cloud Security Architect	\$259.94	\$266.18	\$272.57
518210C	Engagement Manager (Cloud Systems)	\$302.38	\$309.64	\$317.07
518210C	AWS - Program Manager	\$397.87	\$407.42	\$417.20
518210C	AWS - Architect	\$397.87	\$407.42	\$417.20
518210C	AWS - Security Architect	\$397.87	\$407.42	\$417.20
518210C	Sr. DevOps Engineer	\$259.94	\$266.18	\$272.57
518210C	Jr. DevOps Engineer	\$196.28	\$200.99	\$205.82
518210C	Program Manager – (Cloud Systems)	\$239.55	\$245.30	\$251.18
518210C	A&A Compliance Specialist - Cloud Systems	\$196.28	\$200.99	\$205.82
518210C	SOC Engineer	\$150.73	\$154.35	\$158.05
518210C	Penetration Tester	\$259.94	\$266.18	\$272.57
518210C	AWS DevSecOps Engineer	\$397.87	\$407.42	\$417.20
518210C	Process Engineer - IT Systems	\$196.28	\$200.99	\$205.82
518210C	DevSecOps Engineer	\$259.94	\$266.18	\$272.57
518210C	DevOps Engineer	\$238.72	\$244.45	\$250.32
54151S	Engagement Manager – (Non-cloud systems)	\$143.83	\$147.28	\$150.82
54151S	DBA Consultant	\$151.77	\$155.42	\$159.15
54151S	Sr. Analyst Developer	\$127.10	\$130.15	\$133.28
54151S	Sr. Developer	\$146.83	\$150.35	\$153.96
518210C	Oracle/WebLogic Admin	\$151.77	\$155.42	\$159.15
518210C	ColdFusion / BI Developer	\$146.83	\$150.35	\$153.96
518210C	Java Cloud Developer	\$206.89	\$211.86	\$216.94
54151S	Jr. UX Engineer	\$84.88	\$86.92	\$89.00
54151S	Java Developer	\$159.15	\$162.97	\$166.88

## **IT Technical Product Manager**

**Minimum Experience:** 10 Years

**Functional Duties:** The IT Technical Product Manager manages the delivery, ongoing success, and continuous improvement of one or more digital products and/or platforms.

The IT Technical Product Manager will lead one or more multi-disciplinary delivery teams to deliver excellent new IT products and/or iterations to existing products to meet user needs gather user requirements based on a communicable understanding of diverse audience groups, define and buy-in for product definition and delivery approach create effective, prioritized product descriptions, and delivery plans to meet user needs in a cost-effective way, interpret user research in order to make the correct product decisions, continually keep abreast of changes to user habits, preferences, and behaviors across various digital platforms and their implications for successful delivery of the customers, digital services, underpin the delivery and iteration of digital services through effective analysis of qualitative and quantitative user data, and communicate credibly with a wide range of digital delivery disciplines and talent The IT Technical Product Manager will possess knowledge and experience in development and delivery of digital products such as websites and software applications, collaboration with company leaders to develop a product vision and then work closely with engineers and designers to bring the product to market both business acumen and the technical know-how to communicate with engineers.

**Minimum Education:** Bachelors

This classification must have a minimum of Ten (10) years of experience in developing products, conducting market research, generating product requirements, determining specifications, production timetables, pricing, and time-integrated plans for product introduction and developing marketing strategies. At least three (3) years of that experience must have been in a lead capacity. Additional qualifying experience may be substituted for the required education on a year-for-year basis

## **IT Researcher**

**Minimum Experience:** 5 Years

**Functional Duties:** The IT Researcher is part of a highly collaborative, multi-disciplinary team focused on improving IT usability, user experience, and driving user adoption and engagement and responsible for conducting user research, analysis & synthesis, persona development, interaction IT design, and usability testing. Researcher will conduct interviews, user requirements analysis, task analysis, conceptual modeling, information architecture, interaction design, and usability testing, design and specify user interfaces and information architecture, lead participatory and iterative design activities, including observational studies, and other forms of requirements discovery, produce user requirements specifications & experience goals, personas, storyboards, scenarios, flowcharts, design IT prototypes, and design specifications, effectively communicate research findings, conceptual ideas, detailed design, and design rationale and goals both verbally and visually, plan and facilitate collaborative critiques and analysis & synthesis working sessions, work closely with visual designers and development teams to ensure that customer IT goals are met and design specifications are delivered upon, design and develop primarily internet/web pages and applications, develop proof-of-concepts and prototypes of easy-to-navigate user interfaces (UIs) that consists of web pages with graphics, icons, and color schemes that are visually appealing, research user needs as well as potential system enhancements, code, test, debug documents, and implement web applications using a variety of platforms: plan, recruit, and facilitate the usability testing of a system, analyze and synthesize the results of usability testing in order to provide recommendations for change to a system, and create such artifacts as Usability Testing Plan, Testing Scripts, and Usability Testing Report.

**Minimum Education:** Bachelors

This classification must have a minimum of five (5) years of experience in conducting user research, analysis & synthesis, persona development, interaction design, and usability testing. This classification requires the possession of a bachelor's degree in an IT-related or Engineering field. Additional qualifying experience may be substituted for the required education on a year-for-year basis.

## **Sr Back-End Engineer**

**Minimum Experience:** 8 Years

**Functional Duties:** A Sr Backend Engineer is responsible for designing, building, and maintaining the server-side of web applications. In other words, a backend engineer's primary responsibility is to build the IT structure of a software application. They set the software team's foundations of what they need to do to achieve the main goals. The Back-end developers are responsible for creating and maintaining technology at the back end of a website (the server, database, and application). The attractive visuals created by designers, UX professionals and front-end developers couldn't exist without the technology provided by a back-end developer.

**Minimum Education:** Bachelors

This classification must have a minimum of Eight (8) years of experience in work experience as a Back-end developer, In-depth understanding of the entire web development process (design, development, and deployment), hands on experience with programming languages like Java, Ruby, PHP, and Python.

This classification requires the possession of a bachelor's degree in an IT-related or Engineering field. Additional qualifying experience may be substituted for the required education on a year-for-year basis.

## **Intermediate Back-End Engineer**

**Minimum Experience:** 5 Years

**Functional Duties:** The Intermediate IT Backend Engineer is responsible for designing, building, and maintaining the server-side of web applications. In other words, the Intermediate backend engineer's primary responsibility is to build the structure of a software application. They set the software team's foundations of what they need to do to achieve the main goals. The Intermediate IT Back-end developers are responsible for creating and maintaining technology at the back end of a website (the server, database, and application). The attractive visuals created by designers, UX professionals and front-end developers couldn't exist without the technology provided by a back-end developer.

**Minimum Education:** Bachelors

This classification must have a minimum of five (5) years of experience in work experience as a Back-end developer, In-depth understanding of the entire web development process (design, development, and deployment), hands on experience with programming languages like Java, Ruby, PHP, and Python.

This classification requires the possession of a bachelor's degree in an IT-related or Engineering field. Additional qualifying experience may be substituted for the required education on a year-for-year basis.

## **Intermediate DevOps Engineer**

**Minimum Experience:** 7 Years

**Functional Duties:** The Intermediate DevOps Engineer Designs, builds and maintains a stable and efficient infrastructure to optimize IT service delivery across production, and development environments throughout the development project . They plan, design, and scale AWS implementations using the trusted and tested recommendations by Amazon. They monitor, troubleshoot, maintain, and continuously improve building, packaging, and deployment IT processes. They implement automated infrastructure capabilities like backups, security tools, monitoring. They utilize a consistent DevOps approach to improve all phases of the project and ensure end-to-end functions. They have knowledge of IT deployment/configuration management tools like Jenkins, Maven, Puppet, or Ansible. Utilizes version control tools like GIT, Bitbucket, SVN, or CVS. Will have experienced with network infrastructure, database, data center operations, and security protocols. Holds strong knowledge of Linux and/or Windows OS. Fully understands AWS and other services. Has experience with IT programming and scripting with languages like Python, Perl, Bash, PHP, Java, SQL, or C#.

**Minimum Education:** Bachelors

Additional qualifying experience may be substituted for the required education on a year-for-year basis.



## **IT Product Manager**

**Minimum Experience:** 8 Years

**Functional Duties:** The IT Product Manager is a professional who combines both product planning to manage the entire life cycle of one project. They're responsible for gathering all IT customer requirements and defining their vision with IT engineering as well as overseeing IT product recommendations, implementation, pricing, and positioning. The IT product manager identifies the customer IT needs that a product or feature will fulfill, articulates what success looks like for a product, and rallies a team to turn their IT vision into a reality. Works with product leadership and/or company leadership to set IT product objectives that align with IT projects. Prioritize the most strategically valuable feature ideas. Meet with sales, and leadership to evaluate the viability of feature IT ideas.

**Minimum Education:** Bachelors

This classification must have a minimum of Eight (8) years of experience in developing products, conducting market research, generating product requirements, determining specifications, production timetables, pricing, and time-integrated plans for product introduction, and developing marketing strategies. At least three (3) years of that experience must have been in a lead capacity. Additional qualifying experience may be substituted for the required education on a year-for-year basis.

## **Sr Full-Stack Engineer**

**Minimum Experience:** 12 Years

**Functional Duties:** The Sr Full-Stack Engineer designs, develops, integrates, and delivers applications using front-end, back-end, database, and hosting tools. Delivers software products independently using functional specifications. Utilizes all layers of the stack to complete coding, UI/UX, database integrations, and deployment activities. Provides test plans. Experienced with AWS, API integration and architecture. Is proficient in the utilization of a variety of development programming languages such as C#, C++, JavaScript, Python, Ruby, Java, PHP, SQL, SQL Server, Oracle, MySQL, MongoDB, Redis, and HTML/CSS. Uses version control tools such as GIT, SVN, Mercurial and /or frameworks such as MEAN, Django, LAMP, or Ruby on Rails.

**Minimum Education:** Bachelors

Additional qualifying experience may be substituted for the required education on a year-for-year basis.

## **User Experience (UX) Designer**

**Minimum Experience:** 6 Years

**Functional Duties:** The User Experience (UX) Designer applies user-centered design principles to improve the workflow, expand the functionality, and enhance the visual appeal of IT applications and mobile apps. Gathers IT requirements for users, defines information architecture, creates sample user personas, and documents user workflow. Designs wireframes, mockups, and prototypes. Applies the results from user research and usability testing to create new features and improve current features. Requires knowledge of HTML, JavaScript, Line to and FLASH. May perform user research, usability testing, or facilitate focus groups. May require familiarity with various graphic design software packages. Work with product owners, and engineers to deliver a platform to identify user needs and validate IT design decisions. Produce end-to-end IT experiences, including prototypes, wireframes, map workflows, interaction design, and visual design, representing the user always. Participate in discovery sessions, formative studies, usability testing, and other forms of design research. Ships product and can demonstrate end-to-end experience.

**Minimum Education:** Bachelors

Additional qualifying experience may be substituted for the required education on a year-for-year basis.



## Intermediate Front- End Engineer

**Minimum Experience:** 5 Years

**Functional Duties:** Builds responsive and accessible user-facing web applications using modern development tools, techniques, and methods. Works with a multidisciplinary team including design, research, product, and engineering, and ships products that meet the objectives of agency partners and the needs of users. Collaborates closely with designers and researchers to create and test functional prototypes and ensure all front-end code works in service of the wants, needs, and priorities of the people who interact with an agency's products and services. Writes production-ready HTML, CSS/SASS, Kotlin and JavaScript, and is experienced with modern front-end frameworks such as React. Experienced in building and maintaining component libraries based on design systems, prototypes, and other artifacts. Experienced writing front-end web applications in an API-first environment and working with backend engineers to establish necessary API endpoints. Follow Test Driven Development or Self testing code to develop high quality software.

**Minimum Education:** Bachelors

Additional qualifying experience may be substituted for the required education on a year-for-year basis.

## Intermediate Full- Stack Engineer

**Minimum Experience:** 7 Years

**Functional Duties:** Intermediate Full stack engineers are high-level software engineers who design, test, and implement software applications. Full stack engineers are involved in all stages and all areas of software development as well as architecture design, performance evaluation, code review, and internal tool management. Full stack engineers are highly skilled experts in the world of web, application, and software development. These technical experts are skilled in coding for both the front end and back end, requiring a big-picture visualization of the entire platform. Full stack engineers work with a range of technologies and languages such as JavaScript, HTML, and SQL to develop applications that cater to both user experience and functionality. The best full stack engineers know how to handle everything from project management to the installation of the correct operating system on a server. In other words, they are multitasking programmers who can handle the complete implementation of a website or application.

**Minimum Education:** Bachelors

Additional qualifying experience may be substituted for the required education on a year-for-year basis.

## Human Centered Design Lead

**Minimum Experience:** 10 Years

**Functional Duties:** A HCD lead is skilled in both UX/UI best practices and research to understand end user needs and design a simple, clean, and intuitive user experience and user interface for an outdated web portal. Experience generating digital products from concepts to deployment, including but not limited to wireframes, mockups, prototypes, and user workflows. Works with User Researchers, Engineers, and Product Managers to build and test. Focused on understanding target users, championing the wants, needs, priorities and general behavior for how people will interact with the organization's product and services. Work in cross-functional teams that include expertise in design, product strategy, technical architecture, software engineering, data. Responsible for creating products that meet the IT objectives of users, partners, and the needs of the public, to improve ease of use and create the best IT user experience. Iteratively solve end user problems through rigorous user testing.

**Minimum Education:** Bachelors

Additional qualifying experience may be substituted for the required education on a year-for-year basis.

## Technical Lead

**Minimum Experience:** 10 Years

**Functional Duties:** Technical Lead ensures IT architectural integrity and functions as the interface between systems developers and IT project managers. The Technical Lead provides coordination, oversight and leadership for the analyses, planning, design, implementation, documentation, assessment, and management of IT architecture and infrastructure design framework to align IT approaches. The Technical Lead will develop reference models of the enterprise and maintain the information in the IT repository, determine the gaps between the current and the target architecture and develop plans for transitioning to target architecture, define principles to guide technology decisions for the enterprise architecture, identify opportunities to improve enterprise-level systems to support and utilize emerging technologies, promote and educate customers on the use and value of the enterprise architecture, provide enterprise architecture guidance, support and coordination to customers and IT project teams, document the enterprise architecture infrastructure, including the units using modeling techniques, ensure technical integration is achieved across the enterprise by participating in test planning, validation and reviews, evaluate the impact of enterprise architecture products and services on IT satisfaction and other outcomes, coordinate and conduct governance and portfolio management activities associated with ensuring compliance with the enterprise architecture, and ensure the rigorous application of information security/information, principles and practices to all components of the enterprise architecture.

**Minimum Education:** Bachelors

Additional qualifying experience may be substituted for the required education on a year-for-year basis.

## IT Solutions Architect

**Minimum Experience:** 10 Years

**Functional Duties:** The IT Solutions Architect creates the overall technical vision for a specific solution to IT problems. They design, describe, and manage the solution. Building and integrating information systems to meet the client's needs assessing the systems architecture and work with technical staff to recommend solutions to improve it resolving technical problems as they arise. Designing, modifying, and testing technical architecture. Provide supervision and guidance to development teams. Continually research the current and emerging technologies and propose changes where needed. Inform any issues with the current technical solutions being implemented and assess the impact that certain technical choices have. Provide updates on product engagements.

**Minimum Education:** Bachelors

Additional qualifying experience may be substituted for the required education on a year-for-year basis.

## IT Project Manager

**Minimum Experience:** 10 years

**Functional Duties:** The IT Project Manager manages day-to-day activities in the Program Management Office (PMO) to ensure IT programs and projects to meet the client's needs. Implements and provides guidance related to PMO support, oversees the work of project management staff, and works with other department leaders to define, prioritize, and develop projects and programs. The project Manager manages subordinate staff in the day-to-day performance of their jobs. Has full authority for personnel actions. Extensive knowledge of department processes. 1 to 3 years supervisory experience may be required.

**Minimum Education:** Bachelors

Additional qualifying experience may be substituted for the required education on a year-for-year basis.

**Rates for Services performed at Customer Facility**

<b>SIN</b>	<b>Labor Category</b>	<b>GSA Price 08/31/2022 to 09/22/2023</b>	<b>GSA Price 09/23/2023 to 09/22/2024</b>	<b>GSA Price 09/23/2024 to 09/22/2025</b>
54151S	IT Technical Product Manager	\$186.49	\$190.96	\$195.55
54151S	IT Researcher	\$117.54	\$120.35	\$123.24
54151S	Sr Back-end Engineer	\$148.33	\$151.89	\$155.54
54151S	Intermediate IT Back-end Engineer	\$124.10	\$127.07	\$130.13
54151S	Intermediate DevOps Engineer	\$155.00	\$158.72	\$162.53
54151S	IT Product Manager	\$158.91	\$162.73	\$166.64
54151S	Sr Full-Stack Engineer	\$164.63	\$168.57	\$172.62
54151S	User Experience (UX) Designer	\$166.62	\$170.62	\$174.71
54151S	Intermediate Front-end Engineer	\$129.18	\$132.27	\$135.45
54151S	Intermediate Full-Stack Engineer	\$148.33	\$151.89	\$155.54
54151S	Human Centered Design Lead	\$180.72	\$185.06	\$189.50
54151S	IT Technical Lead	\$183.03	\$187.43	\$191.92
54151S	IT Solutions Architect	\$185.41	\$189.85	\$194.41
54151S	IT Project Manager	\$152.86	\$156.52	\$160.28