

Systems Integrations Partners Open Vacancies: 6/11/2019

Job Title	LCAT	Vacancies	Clearance Requirement	Location
Data Scientist	SME 3	2	Top Secret (SCI Eligible)	Washington, DC

Description:

- Applying complex analysis of data in support of mission problems, with expertise in problem solving, scripting in multiple languages, as well as the creation and/or implementation of tools and processes that aid in advanced analytics, testing and quality assurance, and DevOps
- Using and developing statistical analysis, modeling, simulation, and machine learning methods. Comfort with complex mathematical concepts and models
- Scripting, data collection and data management services; performing enterprise-wide data collection, storage, and manipulation; and, developed and implemented automated testing frameworks

Requirements:

- **Active Top Secret clearance with SCI Eligibility**
- BS degree in a related scientific or engineering discipline from an accredited college or university and ten (10) to fourteen (14) years of progressive experience, or an MS degree in a related scientific or engineering discipline, and eight (8) to twelve (12) years of progressive experience, or a Ph.D. degree in a related scientific or engineering discipline and four (4) to seven (7) years of progressive experience.
- Experience with the following tools/languages: Python, R, Pig/Piglet, SQL, PostgreSQL, NoSQL, MSSQL
- Experience with IC GovCloud, AWS cloud development and solutions architecture
- Experience with Agile Methodology/Scrum Development and DevOps
- Familiar with Jira and Confluence
- Experience working with multiple stakeholders, gathering requirements, analysis and integration resulting in informed decision making, explaining highly technical concepts to a non-technical audience
- **Preferred Qualifications:**
 - STATA, Mathematica, C++, bash, JMP, ROOT, Latex, MATLAB, Java, Javascript, XML, C++, MapReduce.
 - AWS Solutions Architect certification
 - Certified ScrumMaster
 - Master's Degree/PHD

Job Title	LCAT	Vacancies	Clearance Requirement	Location
Data Engineer	Systems Architect-Level 2	1	Top Secret (SCI Eligible)	Washington, DC

Description:

- Experience creating and maintaining data pipelines and transformation flows in a cloud environment
- Data management/mapping among multiple distinct data sources
- Cloud management and server administration of domain services
- Big Data infrastructure services and cross domain data transfer

Requirements:

- **Active Top Secret security clearance with SCI eligibility**
- BS degree in a related scientific or engineering discipline from an accredited college or university and ten (10) to fourteen (14) years of progressive experience, or an MS degree in a related scientific or engineering discipline, and eight (8) to twelve (12) years of progressive experience, or a Ph.D. degree in a related scientific or engineering discipline and four (4) to seven (7) years of progressive experience.
- Familiar with ETL technologies, MapReduce, JSON/XML transformations and schemas
- Familiar with AngularJS
- Familiar with Apache NiFi and Java (NAR) NiFi Archives
- Knowledge of Amazon Web Services (AWS Cloud)
- Programming languages – Java/JEE, Javascript, Python, Groovy, Shell Script
- HTTP via REST and SOAP
- Datastores – HDFS, MongoDB, S3, Elastic, NoSQL, RDBMS
- Build and Configuration Management Tools – Maven, Ansible, Puppet
- Working knowledge with public keys and digital certificates
- Linux/Unix server environments
- **Preferred Qualifications (desired but not required):**
 - Master's level education
 - Familiarity with: jQuery, XPath, XQuery, Spark, Impala, Sqoop, Hive/Pig, Python, Gradle, Maven, PL/SQL, Unix Shell, C++/C, AngularJS, Spring, JSON, XML/XSLT/HTML, JPA/Hibernate, Spark, Accumulo, MapReduce, Storm/Kafka, HSpace, Pig, Servlet/JSP, LDAP

Job Title	LCAT	Vacancies	Clearance Requirement	Location
DevOps Engineer	SME 3	1	Top Secret (SCI Eligible)	Washington, DC

Description:

- Facilitates the release of more reliable apps - faster and more frequently
- Build and operate fast and scalable workflows to get applications into the cloud in a more secure and cost effective manner.
- Deploy and configure daily builds and troubleshoot failed builds
- Communicate with developers, information security professionals, and project managers to continually improve development and deployment capabilities
- Work with developers to support and troubleshoot applications.
- Design and build automation solutions for the environment for application source, deploy pipeline, and configuration management systems
- Identify application development, build, and deployment activities that can be automated
- Engineer automation solutions within DevSecOps
- Implement continuous build, integration, deployment and infrastructure as code systems
- Continually review and recommend improvement to operational process and procedures
- Implement and manage standard tools and services for automated test for each environment
- Design, develop and support cloud engineering change management processes

Requirements:

- **Active Top Secret security clearance with SCI eligibility**
- BS degree in a related scientific or engineering discipline from an accredited college or university and ten (10) to fourteen (14) years of progressive experience, or an MS degree in a related scientific or engineering discipline, and eight (8) to twelve (12) years of progressive experience, or a Ph.D. degree in a related scientific or engineering discipline and four (4) to seven (7) years of progressive experience.
- Require demonstrated technical expertise in computer system applications.
- Minimum 5 years of experience of Linux administration, including system designs, configurations, maintenance, upgrades and administration.
- Demonstrated strong programming skills using a preferred language, for example, python, ruby, java, nodejs, or similar
- Experience with AWS technologies (S3, EC2, ELB, Subnet/AZ, IAM, KMS, CloudWatch, Lambda)
- Experience with enterprise monitoring tools including splunk and CloudWatch
- Experience creating cloud infrastructure as code using Terraform and/or CloudFormation
- Excellent user interface / interpersonal / written and verbal communication skills
- The ability to operate in a team environment consisting of both internal and external members, co-workers and customers
- Experience in the installation, configuration, and maintenance of both open source licensed and Commercial-off-the-Shelf software tools.
- Experience with CI/CD tools such as Teamcity, Jenkins, AWS CodePipeline
- Experience with DevOps-related utilities including Bitbucket, Nexus, Consul, and Artifactory
- Experience with infrastructure automation testing following CI/CD practices including linting with foodcritic and rubocop, unit test with chef-spec and integration test with in-spec
- **Preferred Qualifications (desired but not required):**
 - General understanding of Java and related tools (maven, flyway, tomcat and EMS)
 - Ability to perform defect root cause analysis and provide resolution
 - Ability to use a variety of open source technologies and cloud services

- Scripting experience with shell or python or ruby
- Enterprise Docker expertise
- Experience with CM tools. Chef is preferred

Job Title	LCAT	Vacancies	Clearance Requirement	Location
Policy Analyst	Process Improvement/Process Re-Engineering Analyst - Level 2	2	Top Secret (SCI Eligible)	Washington, DC

Description:

- Facilitate inter-agency coordination pertaining to information sharing
- Provide coordination support to executive governance boards as well as working-level groups, to include the consolidation of comments during document coordination, scheduling of meetings and maintenance of distribution lists, and memorialization and distribution of summaries of conclusion from meetings
- Support the drafting process of various documents, to include high level strategic documents, reports, memoranda, and briefing materials

Requirements:

- **Active Top Secret security clearance with SCI eligibility**
- BA or BS degree in the appropriate discipline from an accredited college or university, plus nine (9) to twelve (12) years of progressive and relevant experience. Additional relevant education may be substituted for progressive experience
- Experience supporting information sharing initiatives
- Strong writing and briefing skills, with the ability to describe high level strategic initiatives to an audience comprised of policy, legal, privacy, and civil rights/civil liberties experts at the working and executive levels.
- Ability to communicate clearly and effectively to an executive level audience
- Experience developing and delivering high level briefs to an executive level audience
- Experience working in one of the DHS -IC environment

Preferred Qualifications (desired but not required):

- Experience with DHS data, and privacy and civil rights/civil liberties policies, processes, and requirements
- Experience supporting agency-wide and/or USG-wide information sharing initiatives
- Familiarity with EO 12333, FISMA, the Privacy Act of 1974, and the e-Government Act of 2002

Job Title	LCAT	Vacancies	Clearance Requirement	Location
Technical Project Manager	SME 2	1	Top Secret (SCI Eligible)	Washington, DC

Description:

- Direct and coordinate activities related to the design, development and implementation of web-based software application within technical implementation complexity constraints while ensuring end user business needs are met in software application development and delivery
- Lead development efforts using Agile and DevOps methodologies
- Provide oversight of requirements collection from various stakeholders
- Monitor progress of development efforts. Effectively communicate progress verbally and in writing to government stakeholders
- Provide hands on assistance with scripting, analytics, and code review
- Participate meaningfully in technical and non-technical conversations with partners (internal and external to I&A) concerning NVC and be able to contribute and track details throughout those discussions (I.e., relating and distilling the relevancy of components to NVC Services technical implementation areas)
- Proactively manage a small software development team of various skill levels to assess individual strengths and weaknesses to appropriately flex efforts towards tasks prioritized by the individual filling this position. Able to quickly identify and remove any obstacles to development to include assigning non-development tasks to supporting personnel
- Explain the technical complexity of ambiguous user requirements to program leadership along with translating it into sprint cycles as going back and articulating software implementation and functionality to non-technical users

Requirements:

- **Active Top Secret security clearance with SCI eligibility**
- Bachelor's degree in a Computer Science, Information Technology, related field or equivalent experience and eight (8) to twelve (12) years of directly related experience or any equivalent combination of education, experience, training and certification. Demonstrated competence in project management and technical competence in discipline field(s) and knowledge of company policies and practices
- Experience in scripting, data collection and data management services; has performed enterprise-wide data collection, storage, and manipulation; and, developed and implemented automated testing frameworks
- Familiarity with and experience in developing in Gov't cloud environments (C2S, ICGC) with the ability to rapidly ramp up on the specific intricacies of a data integration software system's architecture that include complex integration points and security controls
- Understanding of and experience with Dev-Ops-Sec
- Experience liaising with external non-technical and technical organizations to communicate development progress, plan system integration testing and execution, investigate and troubleshoot unexpected behavior and anomalies, and identify potential risks to systems operations communicated using different nomenclature and conventions
- **Technical experience:**
 - Object oriented programming using a language such as Java, Javascript, C++, or Python
 - Development engineering with skills in technologies such as Angular 7, NiFi, Pig, SQL, PostgreSQL, NoSQL, Linux/bash, MapReduce, MongoDB, ELK Stack
 - Experience working with XML and JSON data formats
 - Experience working with Agile Methodology / SCRUM development with the ability to review the work of other developers to ensure quality and adherence to SDLC standards
 - Tracking and documentation of development and architecture using the JIRA and Confluence as management tools.
- **Preferred Qualifications (desired but not required):**
 - AWS Solutions Architect certification

- PMP certification

Job Title	LCAT	Vacancies	Clearance Requirement	Location
IT Cloud Engineer	SME 2	1	Top Secret (SCI Eligible)	Washington, DC

Description:

- Provide wide range direct support of the project team and DHS client to analyze project needs, design, build, configure, test, install software and patches, manage and support all aspects and components of the application development, test and production environments for the ISDEP platform in an AWS Cloud environment
- Analyze the business, technical, functional, performance and infrastructure requirements needed to access and process large amounts of project data
- Work in an Agile development and operations environment and provide performance estimates to meet the User Story and development design requirements, and will be instrumental in designing and documenting the project infrastructure roadmap
- Develop and produce AWS Architecture drawings using a tool such as Visio or LucidChart using AWS standard architecture notations
- Ensure that all data and ISDEP processes are properly documented, and support the creation, presentation, review and approval of all ISDEP related deliverables as required by the DHS SDLC
- Establish the infrastructure and processes needed for a new project in the AWS Cloud environment, and full life cycle project support to include planning, designing, building and supporting multiple application development and test environments.
- Ensure the proper documentation and execution of infrastructure procedures, testing and recording results, documenting and debugging test anomalies, issues and defects, and subsequent re-testing and verification through to production migration and verification, and finally, ongoing operations and maintenance
- Work in a small team of admin, dba and configuration management staff in a fast-paced and dynamic DevOps environment.
- Identify and mitigate risks leveraging DHS Security procedures, and a sufficiently technical background to help solve complex problems, or in support of complex information systems development/support efforts
- Provide in-depth domain expertise and promote AWS Cloud best practices to project technical staff and/or DHS client management and staff, and will collaborate with DHS client technical infrastructure staff to ensure the project environments meet DHS infrastructure and SDLC requirements

Requirements:

- **Active Top Secret security clearance with SCI eligibility**
- BS degree in a related scientific or engineering discipline from an accredited college or university and ten (10) to fourteen (14) years of progressive experience, or an MS degree in a related scientific or engineering discipline, and eight (8) to twelve (12) years of progressive experience, or a Ph.D. degree in a related scientific or engineering discipline and four (4) to seven (7) years of progressive experience
- Obtain AWS Certification for AWS Certified Solutions Architect within 180 days of start
- Experience provisioning and migrating data and applications to AWS environments
- Familiarity with Federal Government IT processes, regulations, and current IT cloud initiatives
- **Preferred Qualifications (desired but not required):**
 - AWS Solutions Architect Certification
 - Expertise in current Intelligence Community (IC) Cloud environments
 - Experience operating in and managing cloud DevOps environments

Job Title	LCAT	Vacancies	Clearance Requirement	Location
Records and Information Management	Process Improvement/Process Re-Engineering Analyst - Level 1	1	Top Secret (SCI Eligible)	Washington, DC

Description:

- Serves as the direct contractor support to the Chief Records Officer; responsible for leading, planning and managing the records management program for both scheduled and non-scheduled records, regardless of medium or format
- Serves as the technical expert on agency-wide electronic and non-electronic records management issues. As such, is the Advisor to the Program Manager and the program staff on adequacy of documentation and creation and management of records, keeping Integrated Product Team members informed on current and projected records management requirements, issues, legislative, and regulatory matters
- Works closely and proactively to ensure that records/information assets are managed to ensure Government accountability, protect the interests of the public, and mitigate records-related litigation risks
- Conducts periodic internal reviews of files to ensure compliance to policy and best-practices
- Leads the transformation of agency records management processes within the Program to address the challenges posed by electronic records
- Participates in Department/Agency capital planning process for concerning all major information systems to ensure that records management functionality appropriate to the records/information assets they support is included in system design
- Advises the Program on metadata requirements necessary to achieve this functionality
- Interprets, formulates, and implements records management to ensure compliance with client's policy and guidance for record-keeping in accordance with Department/Agency strategic plan; Congressional mandates for all electronic and non-electronic records; National Archives and Records Administration (NARA) regulations, standards and guidance; and appropriate national and international professional records/information management standards.
- Plans, organizes, directs, reviews, coordinates, and establishes controls for all records management activities
- Ensures that Program personnel are knowledgeable and kept current about records management principles and requirements, and that they receive records management training appropriate to their needs
- Develops and maintains the Records Schedule for program documents and records created by the systems. Ensures records are maintained in accordance with the Records Schedule. Updates the Records Schedule as required to comply with changes in policy and regulations
- Coordinates the archiving of records as required

Requirements:

- **Active Top Secret security clearance with SCI eligibility**
- BA or BS degree in the appropriate discipline from an accredited college or university, plus six (6) to nine (9) years of progressive and relevant experience. Additional relevant education may be substituted for progressive experience
- 3-5 years' experience in federal Records and Information management
- Knowledgeable in Federal records management regulations/policy
- Skilled in file archive and collaborative tools management
- Ability to review files for content/determination of file classification into scheduled/non-scheduled records and program artifacts, and manage disposition accordingly
- Ability to work with others to establish and sustain a disciplined effort for program records and artifacts management
- This position requires demonstrated initiative, sound judgment, and effective decision-making
- Requires a detail-oriented self-starter experienced in supporting senior Government leaders and other technical/business professionals
- Advanced skills in Microsoft Word, Outlook, Excel, Access, PowerPoint, Project and SharePoint are required. Superior customer interface at senior levels of management with excellent oral and written communication skills are critical
- **Preferred Qualifications (desired but not required):**

- Federal Records Management Certificate (NARA Certificate)
- Business Strategy experience

Job Title	LCAT	Vacancies	Clearance Requirement	Location
Full Stack Developer	SME 2	1	Top Secret (SCI Eligible)	Washington, DC

Description:

- Employ software development techniques and methodologies for solving tough analytical challenges in support of one of our nation's premier law enforcement entities
- Use software development skills to automate manual analytical processes
- Utilize technical developer skills including, but not limited to: Python, R, Java, JavaScript, d3, Leaflet, Pig, Elasticsearch, PHP, Oracle, Angular JS, XML, .NET, Hadoop and other related technologies
- Opportunity to expand upon beyond specializations to include both front end user interfaces as well as back end services;
- Provide technical expertise to support migration of applications and data sets to the cloud
- Deploy developed IT solutions, user applications, databases and other IT capabilities
- Design and develop specialized user solutions, applications and databases using a hybrid Agile approach within a DevOps environment
- Provide Tier 3 technical support for deployed applications and databases
- Ensure design consistency with open development standards and guidelines
- Work with business analysts, user experience developers, and project management to estimate and provide updates on tasks.
- Maintain code integrity and organization
- Collaborate with the rest of engineering team to design and launch new features

Requirements:

- **Active Top Secret security clearance with SCI eligibility**
- BS degree in a related scientific or engineering discipline from an accredited college or university and ten (10) to fourteen (14) year of progressive, relevant experience, or a MS degree in a related scientific or engineering discipline and eight (8) to twelve (12) years of progressive experience, or a Ph.D. degree in a related scientific or engineering discipline and four (4) to seven (7) years of progressive experience.
- Proficient experience utilizing Angular, Node.js, Javascript, MongoDB, JSON, XML
- High experience level with back-end programming languages (Java, Spring, C#)
- Prior experience with the following technologies: Elasticsearch , Webservices, Microservices,
- Working knowledge with Datastores – MongoDB, HDFS, S3, MSSQL, Accumulo
- Familiar with technologies jQuery, ASP/.Net, NoSQL, PL/SQL, LDAP, HTTP, REST/SOAP, RDBMS
- Familiar with Amazon Web Services (AWS), Hadoop Big Data and cross domain data services
- Working knowledge with IDE's – Eclipse, Netbeans, Visual Studio
- Familiar with Configuration Management and CI Tools – Maven, Jenkins, Ansible
- Working knowledge with public keys and digital certificates
- Familiar with Linux/Unix server environments
- Source control with Git/GitLab, TFS/Visual Studio
- Experience with Agile development methodology
- Keen interest in learning and using the latest software tools, methods, and technologies to solve real world problem sets vital to national security
- Understanding of cloud concepts and enabling tools and technologies (AWS/C2S, MS Azure, Informatica, VMWare etc.)
- Experience with automated testing patterns and tools
- **Preferred Qualifications:**
 - Direct Experience with DHS and Intelligence Community (IC) component's data architectures and environments

- One or more of the following certifications: DoD 8570 IAT Level II, ITIL, AWS Associate or Professional Solution Architect
- Master's Degree in Computer Science or related field
- Experience with DevOps environments
- Expertise in various COTS, GOTS, and open source tools which support development of data integration and visualization applications
- Experience with cloud message APIs and usage of push notifications
- Specialization in Object Oriented Programming languages, scripting, and databases
- Familiar with Python, Groovy, Shell Script