**Due to the nature of work performed, U.S. citizenship is required.**

**Security Clearance: Active TS/SCI CI Poly is required at the time of hire.**

**DevOps Systems Engineer (All LCATs considered)**

Candidate will develop CI/CD build and deploy pipelines; integrate tools into the pipeline and manage debugging integration issues. In addition, candidate will help integrate with various tools for the DevOps process.

**ob Duties include:**

• Development of CI/CD Build and Deployment Pipelines

o Write/modify Jenkins-based groovy scripts

o Write/update CloudFormation scripts

o Troubleshoot pipeline issues across Jenkins and AWS Environments (Linux EC2, RDS, CloudFormation, Elasticsearch, etc…)

o Document key features for developer use

o Help write and maintain scripts for process improvements (ex: stage/unstage builds, branch tag automation, automating variance corrections across networks)

• Integrate tools into the pipeline

o Work with the development teams to bring in new microservices into the pipeline. Helping troubleshoot as necessary.

o Work through steps to automate installations of COTS products into the architecture

• Debugging integration issues

o Help identify issues in the deployment (i.e. potentially intermittent connectivity issues from an API Server to the Database)

o Monitor (and help develop scripts to monitor) the AWS services to ensure everything is functioning as necessary

• DevOps Tool Integration

o Help integrate with various tools for the DevOps process (SonarQube, Fortify, Jenkins, Robot Framework/Selenium, Artifactory, etc…)

**Required**

• A Bachelor’s degree and 9+ years of relevant experience OR a Master’s degree with 7 years of relevant experience OR a PhD with 4 years of relevant experience; an additional 4 years of experience may be considered in lieu of the degree requirement

• Experience with Linux Environments

• Experience with scripting languages, such as Bash and Python

• Strong problem solving, analytical, and technical troubleshooting skills

• Experience with Git for Source Control

• Understanding and willingness to work in a DevSecOps oriented environment with an Infrastructure as Code mindset

• Active CompTIA Security+ CE Certification (or equivalent DoD IAT Level 2 cert)

• Position is 100% onsite. NO EXCEPTIONS

• TS/ SCI CI Poly

**Desired**

• Experience with CloudFormation, Elasticsearch

• Basic understanding of an Object-Oriented Programming Language, preferably Java or Python

• Experience integrating Jenkins and Docker for automated CI/CD pipelines

• Basic understanding of Kubernetes or OpenShift Container Platform

Comments for Suppliers: Position is 100% onsite - NO EXCEPTIONS. Must be indoc'd before starting.