

Job Title: DevSecOps Engineer (Level 2/3/4)

Job Location: Colorado Springs, Colorado

Security Clearance: SECRET

Clearance Status: Must be Obtainable



Job Summary:

Responsible for designing and implementing a Continuous Integration (CI) / Continuous Delivery (CD) pipeline for an advanced military satellite command and control system used for the Wideband Global SATCOM (WGS) constellation of satellites. The DevSecOps Engineer will support activities to architect, design, implement, and maintain the pipeline and deployment environments for the Global SATCOM Configuration Control Element (GSCCE), which is responsible for controlling the payload of all on-orbit WGS satellites while incorporating enhancements necessary to control the newest satellite to the constellation, WGS-11. The candidate will support development of “Infrastructure as Code” and “Configuration as Code” within an Agile framework.

The ideal candidate for this position will have experience and knowledge implementing and maintaining a CI/CD pipeline. The position anticipates a heavy emphasis on automation of the build and deployment of a complex array of virtual machines and applications onto both an AWS and VMware vSphere based infrastructure. Prior experience with Ansible and Jenkins is highly desirable.

Primary Responsibilities:

- Participate as a member of the DevSecOps team by implementing and maintaining solutions within the CI/CD pipeline across environments (source control, package management, configuration management, infrastructure as code, configuration as code, orchestration, and testing)
- Build scripts to automate and orchestrate the software factory
- Build scripts to automate the deployment and configuration of virtual machines
- Build assorted solutions to automate interactions with interface simulators in the system
- Manage, maintain, and administer various environments to ensure continued productivity of the software development and test teams (both on-premises and on the cloud)
- Occasional travel required

Required Qualifications:

- Ability to obtain an interim U.S. Government SECRET security clearance (requires US Citizenship)
- Experience working on an Agile development team using a CI/CD pipeline
- Experience and demonstrated strength in scripting skills related to CI/CD tools
- Ability to isolate and resolve complex problems, identify workarounds, and implement and document corrective actions
- Good verbal and written communication skills

Preferred Qualifications:

- Active U.S. Government SECRET security clearance
- Experience with Jira, Confluence, Git, Artifactory, SonarQube, XRay, Jenkins, Ansible, OpenShift, Docker, Kubernetes or similar tools will be helpful
- Experience with Virtualization (Vmware, AWS)
- Experience with web service technologies, protocols, and standards (REST, SOAP, JMS, JSON)

Educational Requirements:

- *Engineer Level 2:* Bachelor's degree and 3 or more years relevant experience, Master's degree and relevant experience, or 6 or more years relevant military satellite communications experience
- *Engineer Level 3:* Bachelor's degree and 7 or more years relevant experience, Master's degree and 4 or more years relevant experience, or 10 or more years relevant military satellite communications experience
- *Engineer Level 4:* Bachelor's degree and 12 or more years of experience, Master's with 9 or more years of experience

(Degrees must be from an accredited course of study in engineering, computer science, mathematics, or physics)

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