



Date: 10/23/2017

Position: Senior Software Engineer

Description: Working within the industry best-practice hardware and software development lifecycle processes, the senior software engineer performs software systems integration, java based JBOSS/JEE service development, software and system integration, and deployment of training systems on multiple virtualization platforms including local and cloud based. They will work on problems of diverse scope where analysis of client's data requires an evaluation of various factors and exercise independent judgment within broadly defined practices and policies in selecting methods, techniques and evaluation criteria for obtaining results while meeting project schedules and performance requirements.

Responsibilities

- Support full lifecycle software development to include software requirements analysis, software design, software integration, and test.
- Evaluate and perform design tradeoffs regarding the architecture and software components.
- Derivation of system-level requirements into software requirements.
- Develop and maintain software development lifecycle documentation to include plans, design description, and requirements specifications.
- Identification, documentation, and repair of software defects.
- Designing, coding and debugging applications in Java.
- Software analysis, code analysis, requirements analysis, peer reviews, identification of software metrics, system risk analysis, software reliability analysis.
- Perform Object-oriented Design and Analysis (OOA and OOD).
- Conduct software quality assurance.
- Provide software installation and system test development support.
- Integration of software with existing systems.
- Maintain software coding standards compliance.
- Responsible for initial design and development of new software or extensive software revisions.
- Demonstrates expertise in a variety of the field's concepts, practices, and procedures.
- Relies on extensive experience and judgment to plan and accomplish goals.
- Performs a variety of complicated and complex engineering tasks.
- May guide a team of developers through the project to completion.



Position Requirements:

- Bachelor's degree in computer science, computer engineering, systems engineering, software engineering, electrical engineering from an accredited college or university or equivalent experience
- Eight (8) to Ten (10) years of software engineering experience working on simulation-based training systems with strong JAVA background
- Extensive Software development experience using Java, XML, UML, MS and Windows Experienced Java developer with DoD training application experience (actual development work on such projects, not just experience running the systems)
- Experienced in networking concepts and windows domain configurations, setting up windows networks and windows based networking applications such as DNS and DHCP, and how to use network tools to monitor and capture message traffic for debugging.
- Familiar with ACL and subnet configurations.
- JBOSS development experience or ability to pick up on JBOSS programming quickly
- Well versed in virtualized environments including cloud based applications. Primarily, VMWare and/or AWS.
- Familiar with CTIA and ability to learn how to run JBOSS based applications for both development and test.
- Ability to follow CPM/CTIA software development processes.
- Ability to develop process artifacts from SW requirements to design to unit and system tests.
- Ability to support technical discussion, presentation, and reviews.
- Must currently have a SECRET level US Government security clearance.