



Software Applications Developer

Job Description

The **Software Applications Developer** will work as a team member to design and develop software applications that enable our customers, primarily in the aerospace and defense industry, to make, design decisions that help optimize their strategy to maintain, support and sustain long-term assets over their useful lives of the assets. Our software products also deliver data to support the production of maintenance plans, technical publications and other vital services related to long-term support of an asset.

Essential Functions

- Design, develop, and debug software applications according to design specifications.
- Review, analyze, and translate customer requirements into initial design of a software product or enhancements to existing products.
- Test the software throughout implementation and installation to ensure it satisfies the design criteria.
- Provide technical assistance to ISS Customer Support Representatives.

Competencies

- Proficiency programming in Java™ and/or C/C++ and developing applications for Microsoft Windows® platforms and possess:
 - Advanced problem-solving abilities
 - Cooperative attitude
 - Effective written and verbal communication skills
 - Exceptional organizational and time management skills
 - Ability to handle multiple projects effectively

Required Education and Experience

- Bachelor of Science in computer software related field (or combination of other bachelor degree and relevant experience)

Preferred Qualifications

- Cumulative undergraduate GPA greater than or equal to 3.5
- Demonstrated knowledge/coursework/experience:
 - Working with relational databases, preferably Oracle®
 - Database design and/or data modeling
 - Developing applications utilizing JavaScript/HTML/CSS/XML/XSLT
 - Utilizing open source projects
 - Developing web services

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- Working with data driven applications
- Developing test plans and/or end user documentation
- Programming with scripting languages (Python/Perl)
- Software configuration management, principally complex make files and CVS
- Using threat and vulnerability analysis tools (HP Fortify, Veracode®, etc.)