

The Role: QA Engineer

Summary:

This position is responsible for designing, planning and implementing test strategies to support efficient validation of changes made to our appliances. This analytical position demands a methodical approach to problem solving. They will execute test cases and verify output to ensure that all enhancements, programs and/or systems meet expected results.

The employee's duties and responsibilities, inter alia, shall include, but are not limited to, the following:

Duties and Responsibilities:

- Responsible for developing the QA strategy and policies based on an industry accepted, best practice methodology
- Develop new test plans and procedures
- Architect and provide direction for implementing automated test systems
- Execute manual and automated test procedures
- Gathering project-related metrics (measurements), analyzing it, and coming out with meaningful conclusions that reveal trends if any
- Developing test harnesses and designing and executing tests on developed software
- Provide software validation testing on existing and new products
- Develop test plans and execute test cases during the product release cycle and at all major project milestones
- Perform functionality, integration and regression testing
- Interact with other groups to troubleshoot and resolve application quality defects and issues quickly and efficiently
- Report all defect and quality issues -> documentation required
- Automate Test Cases using automated testing tools
- Participate in the planning, scheduling of QA activities
- Compile, analyze and report test results
- Provide input into new product features
- Responsible for delivering the QA plans for each product release cycle

In addition, the position requires interfacing with developers, technical support personnel, other department representatives and customers. The QA Analyst will communicate, elaborate on, or assist on product issues and defects.

Skills & Experience Required:

- QA test procedures knowledge
- Knowledge of Linux, SMTP, XML, XSLT & Unix shell scripts
- Experience with Java, Perl, C & C++ programming
- Proficiency with open source J2EE platform components: Tomcat, Tapestry, Ant
- Familiar with software design life cycle
- Familiar with White/Black Box Testing
- Automating scripting knowledge
- Knowledge of WinRunner software tools

Education/Certification Required:

- B.S. or M.S. in Computer Science

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