

POSITION DESCRIPTION

Job Title: QA Software Automation Test Engineer

Location: Fort Collins, Colorado; Wall, New Jersey; or Reston, Virginia

Job Description

Summary:

BESTech is actively seeking a System Requirements Engineer to join our team and support development efforts for a government client. Position is available in Fort Collins, CO, Wall, NJ or Reston, VA.

Would you like to be part of a dynamic team of dedicated software professionals? Are you concerned about protecting our Nation's natural resources? We need people who are committed to action. People who want to apply their education and experience to make sure that all of us enjoy the benefits of productive soil, clean water, clean air, and abundant wildlife that come from a healthy environment.

Natural resource conservation is an effort of Federal and State agencies, universities, and professional societies to deliver science-based information to land owners. Join us to build the technology to help people understand, preserve and increase the productivity of our natural resources.

Responsibilities:

The selected candidate must be knowledgeable and experienced as a Quality Assurance Automation Test Engineer for server based application software testing; having experience both creating and maintaining software automation test scripts. Likewise, the candidate must have a working knowledge of software engineering concepts such as software development standards, quality assurance standards, Software Development Life Cycle (SDLC), interpretation of product requirements, test plan and test case development, testing of software functionality, product installation, performance, load, and usability (508 compliance experience a plus) testing. Principle responsibilities include:

- Creating, maintenance and evaluation of software automation test scripts (including incorporation of dynamic test data)
- Ability to train others regarding automation test concepts; plus providing guidance and direction as needed

POSITION DESCRIPTION

- Gathering and validating application functional/performance/load requirements
- Creation and maintenance of test plans and test cases
- Execution, as required, of manual and automated software testing in areas involving installation, functional, performance and load, integration, and regression testing
- Management of defects within a corporate defect tracking system
- Documentation of process improvements regarding best practices regarding test automation
- Creation of test reports
- Maintenance of all test documentation
- Coordination and prioritization of test development activities and the ability to work with multiple development teams and software projects are also critical for the selected candidate. Candidate must have the ability to troubleshoot independently both software and operating system level installation and configuration issues.

Required Skills and Competencies:

- Production software development experience with 2-3 structured programming languages
- Experience with quality assurance practices and testing methodologies
- Experience with test plan and test case development and execution
- Experience with developing, executing, and maintaining automated test scripts
- Experience with automated testing applications similar to IBM RFT/RPT, Visual Studio Ultimate, and/or HP Quality Center, and/or Selenium.
- Demonstrated documentation and reporting experience
- Operating system management experience with Windows Server 2008/2012
- Experience with commercial defect management systems
- Experience training small teams regarding test engineering concepts
- Experience working within an Agile Development Environment
- Experience with document management systems
- Excellent analytical and problem solving skills
- Basic understanding of program interfaces, services, databases, messaging, files systems, and other program objects.

Note: Experience denotes “successfully demonstrated experience”.

POSITION DESCRIPTION

Desired Skills:

- Test script development using IBM Rational Performance Tester
- Test script development using IBM Rational Functional Tester
- Experience writing production JavaScript, HTML, XML, XSLT
- Experience with Microsoft Visual Studio 2010/2013
- Experience writing production Microsoft C#, .NET
- System administration experience with Unix/Linux/Windows
- Experience with SQL Server Reporting Services (SSRS)
- Experience with .NET Web Services and Service Oriented Architecture (SOA) experience
- Working knowledge of Microsoft Internet Explorer, Mozilla Firefox, Google Chrome, and Safari
- Experience with VMware Server/Desktop Virtualization
- Experience with the compliancy requirements of Section 508 of the Rehabilitation Act for web applications design
- Experience with source control management software, such as Tortoise SVN/Subversion
- Working background in GIS technologies such as ESRI including ArcSDE, ArcIMS, ArcGIS
- Scripting Proficiency (i.e. Cygwin, Dos, Bash, Perl, Python, and/or VBscript)

Education and Experience:

A minimum of eight years of structured software quality assurance engineering experience is required. Three to five years of hands-on experience with the development of automated test scripts, execution of test cases and reporting and dissemination of test results. A Bachelor's Degree--preferably in Computer Science, Software Engineering, similar discipline, or equivalent work experience is required.

Successful candidate is subject to a background investigation by the government and must be able to meet the requirements to hold a position of public trust.