

Automation Test Engineer

Reports To: Manager, Core Product Development

Description:

Under the direction of the Manager of Core Product Development (or designee), the Automation Test Engineer will be responsible for building a software test automation strategy and the implementation of the organization's automated software testing environment. This individual will help the organization build and maintain an automated test environment that assures quality and reliability in delivering new software across the company. The position requires the candidate to interface cross-functionally with other departments. It is also required that the candidate is results oriented with the resolve for a high degree of quality, while balancing that resolve with the commitment to meeting deadlines.

Responsibilities:

- Responsible for building, managing and maintaining the automated software test environment.
- Create automated test scripts for verification of new features developed within the system.
- Create scripts to automate deployment and troubleshoot scripts in the event of unforeseen events.
- Verify the consistency and integrity of data.
- Perform functional, integration, and system level testing to simulate customer use of InspectTech's solution. This includes test setup, execution, and problem reporting and documentation.
- Define and participate in the improvement of SQA processes.
- Help maintain defect tracking and test plan repository systems.
- Effectively communicate issues cross-functionally (e.g. with senior management, project management, or development).
- Document, verify and resolve defects identified during testing.
- Communicate any system changes within testing and deployment and their upstream consequences to the software development team.
- Maintain consistency between multiple testing environments with respect to production.
- Timely completion of verification efforts within defined schedule.
- Learn new applications and tools in support of testing efforts.
- Coordinate SQA test lab activities, equipment and tools.
- Reproduce field problems and help support when needed.
- Assist with product specifications (e.g. wish list, future development, new ideas, etc).
- Manage day-to-day tasks productively, without management direction.
- Other duties as assigned.

Requirements:

- BS in Computer Science or other technical discipline, or the equivalent in work experience.
- 5 to 7 years' professional experience that includes a background in software testing, development and/or hands-on experience installing and troubleshooting complex, custom solutions.
- 2+ years' with test scripting and automation experience.
- Experience with Selenium, HP QuickTest Pro, Borland Silktest or similar.
- Experience with and working knowledge of the following: Windows OS, Microsoft SQL Server, Microsoft Office, Microsoft IIS, VMWare, .NET, and C#
- Experience with and understanding of Software QA methodologies (e.g. requirements analysis, test planning, functional testing, usability testing, performance testing, etc.).
- Attention to detail along with the ability to communicate clearly, verbally, and in writing.
- Proven people skills with an emphasis on teamwork.
- Demonstrable ability to work independently.
- Experience with software development projects resulting in successful product deliveries.

Pluses:

- Experience working for Application Service Provider (ASP) or Software as a service (SaaS) company.
- Familiarity with bridge inspection process.