



Position: Quality Assurance Engineer – Application Development Team

FLSA Exemption Status: Exempt

Location: Winter Park, FL

Date: March 2, 2010

About Us:

Highwinds is an established leader in multi-platform IP services, content replication, and delivery software and services. Since 2002, we have provided for the advancement of a wide range of technologies - including messaging bus architecture, network management, distributed file systems and advanced routing methods.

If you are motivated to deliver high quality and innovative services, Highwinds can offer you a great career opportunity. We offer benefits including 401k, medical, dental, vision, paid time off, and a competitive salary to qualified team members.

Job Summary:

As a Quality Assurance Engineer on the Application Development team, you'll be testing cutting-edge applications supporting the daily operation of Highwinds' next-generation network and content delivery services.

Every member of our team is focused on the needs of our customers and the future of our business, and your work will directly impact how the company and product get to the next level. When you join our team, you'll work directly with our users and engineers to contribute your ideas to our products. You'll be responsible for developing and executing the testing strategies to ensure that our software is released to our customers at the highest possible quality.

Personal Skills:

If the following description sounds like you, you are going to love being a part of our team.

- You're passionate about continuous improvement in testing techniques and technologies, agile testing methodologies, test automation, behavior-driven application development, and working in the trenches with the developers as an integral part of the engineering team.
- You have the ability to operate a high-quality test environment within an informal, agile team.
- You don't require management oversight to produce results. Once you have some direction, you take responsibility for the work at hand and have the initiative, imagination, and motivation to get it done.
- You like to learn from others, and to share knowledge and best practices. You're a fan of collaborative methods and peer reviews.
- You have excellent deductive reasoning, problem solving, and decision-making skills. When it's necessary to compromise to meet a deadline, you're confident you can make the right decisions to achieve a balanced result.

- You have a positive attitude with excellent interpersonal/communication skills. You're happy working both independently and with others in a multi-team setting.
- You're not comfortable unless you're at the top of your game. When you're not at work, you're tinkering with new techniques or catching up on ideas from industry thought leaders. You might even have your own blog.

Responsibilities:

- Develop and maintain manual and automatic test suites supporting an iterative software development process.
- Collaborate with the team manager and users to validate requirements documentation and flesh out acceptance criteria scenarios.
- Play a user-advocate role in the testing process, providing usability ideas and feedback throughout the software lifecycle.
- Act as the gatekeeper to production releases, and the owner of the bug queue.
- Brainstorm with other team members to shape the implementation of end-user and internal stakeholder requests.
- Participate in collaborative code review and system design sessions.
- Support Technical Consultants in the field by assisting with the reproduction of bugs reported by customers.

Qualifications:

Mandatory

- Several years of professional experience as a quality assurance engineer in a team environment of any size.
- Demonstrable expert-level understanding for the process of developing and performing both manual and automated functional tests, and managing the test environment in which they are executed.
- Understanding of techniques for tracking multiple aspects of software quality over time, providing feedback to the team manager for ways to continuously improve quality based on frequent reviews.
- Strong scripting language experience (sufficient to drive scriptable test automation platforms and hand-code and debug tests as necessary); JavaScript and/or ActionScript 3 preferred.
- Experience with at least one script-based test automation platform such as QuickTest Pro, Selenium, or any other.
- Strong written and verbal communication skills, including the ability to present ideas in a group setting and constructively critique the work of others.
- Experience with an RDBMS platform such as Oracle, MySQL, MS SQL Server, etc.
- Experience working with source control systems in a parallel development environment (Subversion preferred).
- Understanding of software development lifecycles and associated development techniques.
- Experience with software testing in both Unix/Linux and Windows environments.

Desired

- Thorough understanding of the strengths and compromises of distributed application design using web services, REST architecture, and/or other remoting technologies.
- Strongly desired: professional test experience with Rich Internet Application development using Adobe Flex 2 (or higher) and ActionScript 3, and/or Adobe Flash.

- Experience with the setup and administration of web server platforms (Tomcat, JBoss, Apache, etc.) used for running the test environment.
- An eye for clean user interface design and a passion for delivering a high-end user experience.
- Ability to understand UML design documentation.
- Proficiency with the web technology stack (one or more of the following: JavaScript, HTML, XHTML, CSS, Ajax). Experience developing web applications for multiple browsers and operating system platforms.

Education

- Bachelor's degree or technical certifications in a software- and/or testing-related field (or comparable industry experience)

Working Conditions:

- Basic office environment.
- Overtime may be required to meet deadlines.
- Occasional travel may be required.

This job description is not intended to be all inclusive.

Highwinds is an Equal Opportunity Employer.

If you are interested in this position with Highwinds, please submit your cover letter and résumé to careers@highwinds.com. In the subject line of your email, please include the title of the position.

If your experience and qualifications match our current needs, you will be contacted by a member of our human resources team. We look forward to hearing from you!