Job Description

POSITION:	Software Quality Assurance Engineer
REVISION DATE:	2016-10-14
LOCATION:	Windsor, Ontario Canada
SUBMIT RESUME TO:	developerjobs@cri.com

SUMMARY:

A Software Quality Assurance Engineer ensures software quality through the development and execution of software test plans by way of verification procedures based on software and system specifications.

KEY RESPONSIBILITIES:

- Review product documentation to ensure that requirements stated are correct, unambiguous, and verifiable
- Create and execute test plans to validate functional and non-functional specifications
- Guide development and engineering in practices that increase quality and that provide metrics to demonstrate quality
- Guide in create proactive, post implementation monitoring and reporting to detect problems so they can be fixed before customers are impacted.
- Provide visibility on the state of quality at all points of the SLCD process.

DETAILED RESPONSIBILITIES:

- Review product documentation to ensure that requirements stated are correct, unambiguous, and verifiable
- Consult with product development to evaluate system interfaces, operational requirements, and performance requirements of the overall system
- Define test methods and create test plans for new or updated software projects to determine if the software will perform accurately and reliably according to documented requirements as well as established standards under both normal and abnormal conditions
- Recommend design improvements or corrections throughout the development process
- Execute test plans and create test reports to describe program evaluation, testing, and correction.
- Monitor program performance after implementation to prevent recurrence of program operating problems and ensure efficiency of operation

- Conduct compatibility tests with vendor-provided programs
- Create test tools that facilitate data gathering and test method execution – automated testing
- Estimate effort of work based on requirements.
- Attend daily standups, as well as project planning meetings, design sessions, code review meetings, celebrations and retrospectives as required
- Perform reviews and analyses of existing applications, reverse engineering and documentation.
- Act as lead and track the status of projects and work assignments.
- Prepare reports for management.
- Mentor and support other team members, learn from other team members.
- Achieve tighter integration between the operational and developmental evolution of our application portfolio, providing feedback to the operation/engineering teams on best practices that streamline operations, providing guidance to right-engineer infrastructure solutions and increase automation of routine tasks performed by both teams.
- Respectfully challenge the status quo, proactively learn and use new technologies, concepts, and apply them as appropriate to project requirements.
- Assist with strategic development, operational, QA approaches.

SKILL AND EXPERIENCE REQUIREMENTS:

- 5+ years of experience as a software quality assurance engineer
- Experience with C#, ASP.NET, SQL Server, HTML/CSS/Javascript
- Experience with test management and test automation suites
- High level of initiative and ability to self-manage
- Strong interpersonal skills with the ability to work both independently and as part of a team
- Excellent written and verbal communication skills
- Familiarity with continuous integration
- Demonstrates interest in improving the company's technical awareness, depth and use of technology across the business.
- Participates in the evolution of best practices, standards, and policies as it related to software quality assurance.
- Provides thought-leadership as it relates to emerging technologies and readying our company and engineers for productively integrating the same into our business.
- Understands and can speak to all aspects of the software development life cycle (e.g. requirements, analysis, design, implementation, testing, and documentation) and associated execution models (e.g. Waterfall, Agile, Iterative Development, etc.).