

SOFTWARE QUALITY ASSURANCE ANALYST RADIAN RESEARCH, INC.

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Radian Research is an employee-owned innovative technology company with an engaging and participative work environment. We provide Electric Meter Testing Instruments, Systems, Software and Services to Electric Utility Companies, Electric Meter Manufacturers and National Metrology Institutes for Engineering, Laboratory, Shop and Site applications. Radian provides both portable and primary energy reference standards unequalled in accuracy, stability, and reliability. The focus of Radian is our customer, and the heart of Radian is our team. We recognize and value the 3 Cs of Radian's culture: ***Customer-centric*** focus, ***continuous improvement*** mindset, and ***care*** for our Customer, company, community, and for each other.

Position Summary: The Quality Assurance Analyst is a mid-level role, physically located in Lafayette, IN at Radian Research's Corporate Headquarters. This position is responsible for identifying and resolving quality issues in the WECO software products lines. The QA Analyst will follow existing test procedures and write new procedures, as applicable, as well as work with the Customer Support Team to confirm Customer reported defects and concerns. In addition, Quality Assurance Analyst works collaboratively with the Software Team to learn, train, and maintain the integrity of existing (and writing new) processes, procedures, test plans, etc. relating to the release of quality software products.

Responsibilities:

- Execute all phases of the QA cycle (e.g. requirements analysis, test case identification, test plan authoring, execution, defect tracking, status, and reporting of results).
- Create test cases, scenarios, and supporting data based on customer requirements and design documentation.
- Execute tests to validate that the software complies with standards and documented requirements.
- Perform Functional, Regression, Performance, System Integration, and User Acceptance testing based on customer requirements.
- Log and track defects from initial discovery to closure, working with developers to assess severity and impact.
- Develop test planning activities, including developing documentation and estimating testing needs and time-frames.
- Develop an understanding of software requirements, including how users use the products and the impact of change to the users' workflow.
- Troubleshoot software problems and escalate issues, as appropriate.
- Other duties as assigned.

Required Qualifications

Education:

- Bachelor's degree in a computer science, computer technology, electrical engineering, electrical engineering technology or other related field.

Experience:

- Minimum 2 years Software Quality Assurance experience is required.

Knowledge of:

- Basic programming principles
- Basic electrical theory
- SQL
- Atlassian product suite (JIRA, Confluence, Bitbucket)

Skilled at:

- Problem solving and root cause analysis
- Excellent written and verbal communication skills
- Writing quality management system procedures, work instructions and test instructions
- The design, writing, and execution of quality test plans for electronic hardware and software

Desirable Qualifications:

- Knowledge of software programming and software development lifecycle
- Knowledge of SQL Server
- Ability to multi-task while meeting testing/project deadlines
- Critical thinking, organization skills, self-motivated, and detail oriented
- Works well in a team environment, as a liaison and alone
- Intermediate to advanced computer skills

Equal Opportunity Employer Minorities/Women/Veterans/Disabled

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or protected veteran status and will not be discriminated against on the basis of disability.