

Quality assurance expert

An exciting opportunity exists for a Quality Assurance Expert / Tester with a proven track record

About the Role:

InspectionOne is one of Digital Matter's strategic products and the position of quality assurer will require an experienced tester to take full responsibility for ensuring the functional and technical usability of the product by developing and implementing a sound quality assurance methodology, as well as ensuring help files are up to date. This important team member will be working very closely with InspectionOne's Product manager and development team, but will also be involved in the quality assurance of other products and custom solutions throughout the development life cycle to ensure Digital Matter retains its edge in terms of producing quality software.

Overview of tasks and responsibilities:

- Develop, implement and maintain the quality assurance processes for InspectionOne product and other solutions.
- Continuously improve the overall Quality Assurance Process of the end-to-end Development Cycle and Release Process.
- Perform ad-hoc and exploratory testing. Analyse test results to ensure existing functionality and recommend corrective action.
- Take responsibility for the assessment and planning of test efforts required for new functions/features under development.
- Perform effective defect management and drive defects to closure by taking complete bug ownership and persuading developers to investigate reported bugs
- Performs basic business analysis on specifications (user, functional, technical) to update existing test cases, or designs new test cases for ownership areas
- Author and execute test cases, using defined methodologies for manual and/or automated tests.
- Author product documentation, including help files.
- Leverage debugging tools and interpret data to provide more information about software defects.
- Participate in peer reviews of bugs and test cases.
- Take responsibility for the execution of procedures for ensuring the quality and serviceability of new features and releases of software.
- Maintain and modify test environment and configuration as needed, creates new test environments and configurations to meet test cases or problem recreation requirements.
- Documents test results and manage and maintain defect and test case databases to assist in the continuous improvement and modification of software.

Minimum requirements for the position:

Tertiary Qualifications

- BSc in Computer Science or related engineering discipline
- Certification in Software Testing is highly advantageous

Experience

- Minimum 3 years working as a Quality Assurance / Test Engineer - Experience in all areas of the testing lifecycle (systems testing, functional, regression testing, UAT)
- Proficient in the design, implementation, and maintenance of a test environment, including necessary equipment, configuration, and software.
- Good Knowledge of Microsoft Technologies.
- General knowledge of at least one mainstream language, (preferred proficiency in C# .NET Framework). Familiarity with scripting languages.
- Ability to read a specification (hardware, software or network) and develop appropriate test methodology.
- Good knowledge of commonly used test models & frameworks within Windows environment.
- Methodical and good problem solver leveraging industry-wide known trouble-shooting tools.
- Experience of testing n-tiered applications developed using Microsoft technologies.
- Knowledge of data architecture principles.
- Understands the principles of change/configuration management.
- Good understanding of the test lifecycle and where it sits within the development lifecycle.
- Proficiency in hardware, software and/or operating systems environments.

Role Specific Skills

- Analytical ability and creative problem solving skills.
- Ability to learn and apply new tools and applications.
- Strong analytical and creative problem solving skills.
- Ability to manage multiple on-going work streams simultaneously - good multi-tasking skills.
- Excellent interpersonal and communication skills.
- Excellent English proficiency both verbal and written communication skills.
- Strong interpersonal skills with the ability to build solid relationships with colleagues.
- Team player, but self-motivated and able to work independently.
- Seeks assistance when needed, demonstrates self-initiative.
- Strong customer focus with a desire to deliver high quality solutions.
- Energetic and enthusiastic.
- Flexible and adaptable to changing priorities - ability to tolerate change and ambiguity.
- Hands-on approach with ability to deliver to commitments.
- Exceptional organizational skills, appreciation for the importance of detail. High personal work standards with a goal to achieve excellence.
- Proactive, able to follow through on commitments and understand the importance of deadlines.
- A desire to learn and improve skills and knowledge - interest and awareness of new technologies and tools.
- Ability to work under pressure and deliver under tight deadlines.

Additional Requirements

- Willingness to work overtime to meet tight deadlines and available for after-hours support and standby.

How to apply:

Applications must be emailed to careers@dm.co.za before 7th June 2011 and must include:

- CV, including contact details, geographical location and notice period with academic transcript.
- Covering email motivating application in line with qualification, skills and experience and stating current salary and salary expectations (as total cost to company).
- Email subject: Quality assurance expert