

Position Description: Quality Assurance Manager

Position Title: Quality Assurance Manager
Functional Group: Engineering
Reports to: Software Development Manager
Date: February 2019



Our Company

Coretex is a world-leading technology company that creates innovative fleet management and IOT solutions for organisations that operate in mission-critical environments. Our start-up culture and 'can-do' attitude helps us take on the best and win. Our proprietary technology platform helps organisations run more efficiently and comply with complex legislation through intelligent use of data gathered directly from fleet assets.

Coretex has customers all over the globe. Our business is run from offices in New York, San Diego, Auckland, and Sydney. We have ambitious growth plans that will see us further expand operations over the coming weeks, months and years.

Our Mission

At Coretex we believe that technology should be used to create a safer, cleaner and more productive society. The world's resources are under increasing pressure - to keep growing, we have got to figure out how to do more with less.

Our goal is to help operators drive better business results by improving their asset utilization, reducing fuel consumption and minimising the wear and tear on people and machines - all whilst ensuring that operators remain compliant with all relevant legislation.

Purpose of this Role

Accountable for leading a Quality Assurance team using Agile methodology and Scrum, helping to remove all technical blockers and taking ownership of the outcome of every sprint, while continuously working closely with the Software Development Manager and the Solution Architect to improve process. You will own the responsibility and outcome of every sprint/iteration.

Responsibilities

The outcomes listed below describe the tasks this role may be expected to carry out. This list is indicative of the role and is not exhaustive.

- Lead and mentor a mixed team of junior and senior level test analysts
- Organise daily scrum meetings in the capacity of a scrum master.
- Plan and conduct all scrum ceremonies in the capacity of a scrum master
- Ensure the team is always working on the highest priority within a sprint
- Review and critique technical specifications to ensure the security, performance and scalability of our platform.
- Lead the effort to build and deploy the solution to all the necessary environments
- Identify and implement improvements to the Quality Assurance practice to help us build better software, faster

Coretex Position Description

- Support PR in the troubleshooting and resolution of production critical problem during a crisis/escalation.
- Collaborating with developers, business analysts and product owners to understand testing needs and identify opportunities for automated, manual and load testing •
- Ensuring that automated and manual test scripts are created, maintained and executed to meet software release deliverables and project testing requirements
- Ensuring that load test scripts are created, maintained and executed to provide consistent baselines and measurement of the performance of applications to meet software release deliverables and project testing requirements
- Ensure that automated test scripts are created, maintained and executed to create test and training data
- Ensuring application and infrastructure changes are thoroughly tested and test tools are used appropriately to ensure an effective and efficient test process
- Ensuring that automated test scripts are created, maintained and executed to support integrated testing
- Provide recommendations on suitable test tools and their maintenance to support automated and load testing needs
- Providing accurate reporting of problems identified during test execution and ensuring appropriate resolution
- Contribute to the continuous improvement of test quality by undertaking reviews and recommending improvements
- Working with the development and business analyst teams to understand how changes in the software product affect maintenance of automated and load test scripts as well as automated test environments
- Creating and executing release and upgrade automation test scripts
- Developing and maintaining automation test suites for Smoke, Functional, Regression and Performance tests to ensure code is functioning as designed
- Troubleshoot defects and manage defect tracking and resolution for defects related to automated and load testing
- Provide assistance in the creation and maintenance of test documents.
- Responsible for ensuring the team is consistently delivering software to the coding and quality standards the department expects
- Work in an Agile environment as part of a cross-functional team with business analyst, software developers, technical team leads and other testers

Reporting Relationships

The Quality Assurance Manager role reports directly to the Software Development Manager but works closely with the Solution Architect(s) and Technical Leads and BA assigned to the project.

This role will require effective relationships with the following teams and roles:

- Team leads.
- Solution Architects
- Level 3/ Production Team members
- Software Developers
- Mobile Engineers
- Hardware & firmware Engineers
- Other members of the engineering group
- Product management team
- Project management team

Team Member Responsibilities

In consultation with management and your team;

- Establish the most appropriate work and project related goals for each Sprint.
- Ensure goals can be directly related to company objectives.
- Break goals down into specific, achievable and measurable objectives for team.
- Document these to form suitable work Plans.
- Schedule regular meetings with your supervisor to review progress against plans.

Quality / Health & Safety Accountability

All staff are authorised to take suitable action to prevent, avoid and where possible eliminate quality and health and safety issues within their job area.

People Specification

Technical Competencies:

- ASP.Net
- C# .Net
- Web Services
- SQL Server
- JavaScript
- JSON
- WCF
- MVC
- Git
- Teamcity
- Octopus
- Selenium
- Appium
- Test Rail
- Azure Insight
- Azure API Management
- MOQ

Other Skills:

- Strong Quality Assurance skills
- Superior analysis and design abilities
- Superior problem solving skills
- Superior technical integration skills
- Agile methodology

Communication Skills

Strong interpersonal skills, ability to communicate well at all levels of the organization and with staff at remote locations essential. Both written and Oral.

Qualifications

- A Bachelor's degree or higher qualification in engineering or computer science, or related discipline
- 5+ years of progressively responsible experience for the Quality Assurance function in a company or division of a large corporation is a prerequisite for this position.

Why Work with Us

This is a great time to join an agile and fast-growing technology company that's taking on the world. Coretex is the kind of company that gives you the opportunity to make a difference.

The Coretex team is driven, professional and focused. We're big on teamwork and open doors. We are passionate about providing our customers with the best technology and experience, and we like to have fun while we're doing so.

The development and growth opportunities are as unlimited as our business growth – locally and internationally.

Location

The position will be based in Newmarket, Auckland.