



SOFTWARE QUALITY ASSURANCE ENGINEER FOR IXUS

About IXUS

IXUS (<https://ixusapp.com>) is a solution developed by Alphawave Mobile Network Products (Pty) Ltd and is related to the electromagnetic engineering field. It is an integrated software solution designed to help mobile network operators manage compliance with RF safety guidelines across whole networks. This sophisticated system offers monitoring and management of compliance - from planning through to re-configuration - for the thousands of base station sites associated with a mobile network.

The Vacancy

We are looking for an enthusiastic **Quality Assurance Engineer** to join our IXUS software development team to ensure we deliver a quality product to our clients. The main responsibilities will include the following:

- Collaborate with the product managers, developers and other quality engineers to analyse testing requirements, identify and review test scenarios.
- Develop, document and maintain manual and automated test cases according to the requirements (Functional and non-functional testing, e.g. System, Regression, Security, Usability, User Acceptance and Performance testing)
- Perform manual and automated testing
- Isolate, replicate, and report defects and verify defect fixes
- Operate and maintain test environments

Essential Criteria

- Matric and relevant tertiary qualification required
- Related degree or diploma required
- Test automation experience (e.g. Playwright, PostMan, WinAppDriver, etc)
- Knowledge of development technologies (e.g. Python, Typescript)
- A software testing experience track record is required (in either web, mobile, API or windows desktop application testing)
- Self-driven and able to demonstrate initiative in the workplace while working with complex products
- A knack for breaking software
- An understanding of the value of well documented tests in an Agile/Scrum software development environment

Beneficial experience/skills

- ISTQB® Foundation Certification or similar
- An understanding of software development life cycle
- Knowledge of development technologies (e.g. .Net, HTML, XML, SQL, JavaScript, C++)
- Knowledge of Object-Orientated Programming
- A technical background such as engineering
- Agile/Scrum software development experience

Non-Technical skills

- Able to work well in a team as well as individually
- Attentive to detail, and able to think creatively outside the box
- Able to accurately estimate effort on tasks, prioritise work and deliver to deadlines
- Positive outlook on work and other people
- Excited about learning, pushing technical limits and finding new solutions
- Good analytical and problem-solving skills
- Good verbal and written communication skills

Perks

- Work on multiple interesting technically challenging components of the IXUS products
- Work within an ideal sized team of approximately 10 members
- Tech environment – modern, innovative, fast-paced and fun work environment
- Daily home cooked style meals
- Retirement annuity incentive
- Bonuses
- Unlimited barista quality coffee