



## FULL-STACK SOFTWARE DEVELOPER

### 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 Intermediate to Senior Full-stack developer to join the IXUS support team. This position requires sound software development skills that are required for managing the web-based components of the IXUS suite including a mobile application. Additional support related to our AWS hosting environment and Database management is also essential.

### The main responsibilities will include:

- Creating modern web-based user interfaces in Vue, and .NET
- Excellent knowledge and support of SQL databases
- Manage and maintain AWS infrastructure, services and CI/CD pipelines
- Making recommendations for feature implementation from a software perspective to the team

### Essential Criteria

- 6+ years of combined experience as full-stack developer in agile environments.
- Significant experience working with AWS cloud infrastructure and services
- Relevant University Degree required

### Core Concepts

- OOP, Design Patterns & SOLID Principles
- Domain Driven Design (DDD)
- Test Driven Design (TDD)
- CI/CD, IaaS & DevOps
- Security in relation to ISO27001, CSA STAR or any other standard
- Proper code reviews

### Key Technologies

- .NET Core 8 + and .NET Framework 4.6+
- Modern web frameworks (Vue, React, Angular or Aurelia)
- Rest APIs

- Relational Databases (SQL, PostgreSQL)
- Docker / AWS
- PowerShell

**Bonus:** Python, Java, Flutter, ASP.NET

### **Non-Technical skills**

- Attentive to detail, and able to think creatively outside the box.
- Able to accurately estimate efforts on tasks and prioritise work for timely delivery.
- 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 products.
- Hybrid work model.
- Unlimited barista quality coffee 😊
- Daily home cooked style meals. (When working from the office)
- Retirement annuity incentive.
- Bonuses.

### **Terms and Conditions**

- Competitive, market related salary.
- Starting ASAP.
- Please send comprehensive CV to Zalta Kelbrick: [zkelbrick@alphawave.co.za](mailto:zkelbrick@alphawave.co.za)