

Vodacom is a Leading African Mobile communication company providing wider range of communication services including mobile voice, messaging, data and converged services to over 73.6 million customers. From our roots in South Africa, we have grown our mobile network business to include operations in Tanzania, DRC, Mozambique and Lesotho. The mobile networks cover a total population of approximately 200 million people. Through Vodacom Business Africa (VBA) we also offer business managed services to enterprises in over 40 countries across the continent. Vodafone is the majority shareholder of Vodacom and has a 65% share.

We're at our best when we lead and over the past 20 years, as the Company that pioneered mobile in South Africa, Vodacom has achieved a remarkable list of firsts. We're immensely proud to be a leader in our field and are 100% committed to continue trailblazing.

We employ individuals who are as passionate about customers as we are. We are truly Customer Obsessed, which means that we are passionate about exceeding customer expectations; work relentlessly to really understand the customer; look at decisions through the customer's eyes and take personal accountability for the customer experience.

We have the below vacancy available in our Organisation:

The **G Band Senior Specialist Software Engineer** role is based within **Technology Business Unit**.

The role of the **Senior Specialist Software Engineer** is responsible for delivery of Fintech software solutions by creating prototypes, designing and building modules and solutions in iterative agile cycles. This role is responsible for estimating user and technical stories, designing and developing code, writing and executing unit and integration tests, and supporting testing of deliverables against user and technical story acceptance tests, and supporting the productionized software components and features. In addition, the candidate in this role is responsible for providing technical expertise to team members and other technical/business areas.

Your responsibilities will include:

- Estimate user and technical stories to help inform and prioritize backlog
- Design modules according to user stories and technical stories
- Develop solutions according to designs and deploy using delivery pipeline
- Develop and execute unit and integration tests; support testing against user and technical story acceptance tests
- Drive improvements to user stories
- Manage incidents and problems as level two and level three support
- Review and enhance technical designs for implementation of features
- Develop high quality solutions and components that support key software engineering principles such as modularity, re-use, consistency, security, performance, maintainability, etc
- Ensure non-functional requirements are implemented with all features and user stories

Core competencies, knowledge and experience:

- Agile and lean programming and development of software
- Backlog grooming and estimation
- Unit, integration and static code analysis testing

- Architectural element testing e.g. APIs
- Automated testing and tools e.g. Selenium
- Software incident and problem management
- Source control using Git, BitBucket, TFS
- Advanced experience is C# development using .NET framework
- Expertise in multiple programming and mark-up languages, such as .NET, HTML, CSS, JavaScript, Ruby, SQL, XML, JSON, YAML, Python, T-SQL and paradigms such as object-oriented-, even-driven-, procedural-, functional-, and declarative programming
- Continuous integration and continuous delivery methodologies and techniques
- DevOps culture, processes, and tools
- Cloud-native architectures, including public cloud PaaS / IaaS, micro-services architectures, API
- Flexibility to deal with changing projects and priorities in a short space of time
- Strong problem solving skills and ability to learn new methods and processes
- Strong relationship building, persuasion, and collaboration skills that drives internal- and cross-team constructive feedback and support
- Strong communications skills and time-management skills, with the ability manage multiple tasks, and work well under pressure
- Understanding of both the Telecommunications and Fintech services markets and technology trends
- Knowledge of monitoring technologies and APM (Application Performance Management) tools
- Ability to lead and mentor team members

The ideal candidate for this role will have:

- Matric / Grade 12 essential
- 3-year degree / diploma Bachelor's Degree or diploma in Computer Science, Information Systems, Business Administration, or other related field
- 5-8 years' relevant experience in programming and systems analysis applying agile frameworks
- 5-8 years' experience in developing, deploying and running .NET applications
- Experience working with agile methodologies, such as Scrum, Kanban, XP, LSD, and FDD
- 5-8 years' experience working with programming and scripting languages, such as Ruby and Python or PHP
- 5-8 years' experience in database technologies - RDBMS, e.g. MSSQL, PostgreSQL, Oracle, MySQL, etc
- Strong knowledge of software architecture principles
- Experience working in cloud-native and cloud-enabled environments
- Strong knowledge of security frameworks and implementations
- Advanced integration architecture experience
- Strong knowledge of automation frameworks and tools
- Experience and knowledge of Financial and Payment solutions preferred
- Competency in UX principles and practices preferred

This role is based in Midrand, Johannesburg

The Company's approved Employment Equity Plan and Targets will be considered as part of the recruitment process. As an Equal Opportunities employer, we actively encourage and welcome people with various disabilities to apply.

Vodacom is committed to an organisational culture that recognises, appreciates and values diversity & inclusion.