MODITIME MOKGOHLOA

Enterprise Systems Architect & Quality Engineering Consultant

Founder - Radiant Wave Systems

Gauteng, South Africa Availability: 1 Calendar Month info@rwsystems.co.za +27 63 383 0369 www.rwsystems.co.za

ISTQB CTFL (2024)

EXECUTIVE PROFILE

Enterprise Systems Architect and Quality Engineering Consultant with 14+ years of progressive experience designing, developing, testing, securing, and scaling enterprise-grade digital systems across telecommunications, banking, government, and commercial sectors. Combines senior full-stack engineering expertise with advanced automation architecture, performance engineering, and DevSecOps implementation to deliver scalable, secure, and compliance-ready platforms. Founder of Radiant Wave Systems, delivering business-to-business software, automation, and digital transformation engagements invoiced from the registered company account.

CORE EXPERTISE

- Enterprise Systems Architecture - Scalable web & API architecture, microservices, RESTful systems, OAuth2/JWT authentication
- Full Stack Engineering - PHP (Laravel, Pimcore), Java (Spring Boot), JavaScript (Vue.js, React)
- Databases - MySQL, PostgreSQL, MongoDB (schema design & optimisation)
- Quality Engineering - Selenium, Cucumber, TestNG, JUnit, RestAssured, Appium
- Performance Engineering - JMeter, Gatling, LoadRunner, concurrency modelling (5k-50k+ users)
- DevSecOps - Jenkins, GitHub Actions, Docker, Kubernetes, AWS, Azure
- Security Testing - OWASP ZAP, Burp Suite, Nessus, Secure SDLC governance
- Business-to-Business Platform Engineering - CRM, contracts, invoicing, payment gateways, multi-portal architectures

PROFESSIONAL EXPERIENCE

Founder & Lead Systems Architect - **Radiant Wave Systems (RW Systems)** (2024 - Present)

Gauteng, South Africa · Remote/Hybrid

- Founded and architected a Laravel 11 enterprise delivery platform spanning admin CRM, client portal, partner ecosystems, and public business marketing funnels.
- Built end-to-end quote-to-cash workflows: SMME pricing engine (story-point estimation), MOU/contract generation, dual e-signature, and automated PDF document output.
- Integrated PayFast and Ozow payment gateways with secure callback handling, environment-aware configuration, and PCI-conscious payment flows.
- Delivered multi-role platform architecture (admin, developer, client, referral & channel partners) with RBAC, support ticketing, and project lifecycle management.
- Implemented invoice, quote, and contract automation using DomPDF with branded templates aligned to PFMA/MFMA-aware enterprise delivery standards.
- Led enterprise UX redesign and conversion-focused consulting funnels for Laravel, automation, and security advisory services.
- Established automated test coverage across authentication, contracts, invoices, payments, and integration workflows.
- Registered Radiant Wave Systems (Pty) Ltd for business-to-business (B2B) agency subcontract and enterprise consulting - all billable hours invoiced on the company account.

Senior Automation Specialist - **Blulabel Telecoms** (2020 - Present)

- Reduced regression execution time by 40% and increased automation coverage by 30%.
- Improved release cycle efficiency by 25% and achieved zero critical production defect leakage.
- Designed enterprise automation framework (Java + Selenium) with CI/CD integrated pipelines.
- Led performance testing using Gatling & JMeter for high-concurrency telecom platforms.
- Mentored automation engineers, improving team performance by 30%.

Senior Full Stack Developer - **ABSA** (2019 - 2020)

- Developed secure enterprise applications using Pimcore (PHP).
- Built REST APIs with OAuth2 & JWT authentication.
- Optimised database performance (SQL & NoSQL) and implemented CI/CD deployments to AWS.

Development Lead - **ALCM Solutions** (2017 - 2019)

- Defined system architecture & technical standards across delivery teams.
- Managed SDLC governance & delivery pipelines; led and mentored cross-functional developers.

Intermediate Full Stack Developer - **Databuild** (2016 - 2017)

- Designed and developed enterprise applications; performed system analysis & optimisation.

Junior Full Stack Developer - **Private Label Promotions** (2013 - 2016)

- Assisted in development & deployment of web systems; debugged and resolved production issues.

Intern - **IBM (MICT-SETA)** (2012 - 2013)

- Web development fundamentals (HTML, JavaScript, OOP) and system analysis & design training.

EDUCATION

National Diploma in Information Technology
Tshwane University of Technology (2012)

CONSULTING SERVICES - RADIANT WAVE SYSTEMS

- Enterprise Systems Architecture Design
- Automation Framework Implementation
- Performance & Load Engineering Strategy
- DevSecOps & CI/CD Implementation
- QA Capability Assessment & Transformation
- Secure SDLC Advisory
- Laravel Platform Engineering & Technical Leadership

AGENCY SUBCONTRACT RATES - BUSINESS-TO-BUSINESS (B2B), ZAR EX VAT

Hourly: R950/hr | **Day Rate:** R7,600/day | **Weekly Sprint Lead:** R34,200/week

All rates exclude VAT. Business-to-business (B2B) invoicing only - hours billed from Radiant Wave Systems (Pty) Ltd. Minimum 4-hour blocks. All consulting, development, and agency engagements are business-to-business (B2B) transactions. Hours and services are invoiced from our registered company account.