

WAGNER MÁRIO SALVADOR DJIVE

Senior QA Engineer | Test Architecture & Enablement | Quality Leadership

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PROFESSIONAL SUMMARY

Senior QA Engineer with 8+ years in software engineering: 4+ years owning quality for large-scale, business-critical platforms at Vodacom Mozambique, built on 4 years as a Java developer and analyst. Defines and leads end-to-end test strategy for high-risk releases, from risk-based planning and functional, integration, regression and API testing to automation with Selenium, Appium and Rest Assured and go-live readiness reporting. Combines a developer's understanding of systems with a business analyst's eye for requirements, engaging from refinement through production to stop defects before they are built. Founder of QMind, a QA engineering platform that turns requirements into reviewed test cases and runs regression across web, API, mobile and USSD. Mentor to new team members and trusted partner to Product Owners, Architects and engineering managers on multi-team deliveries, and recognised three times for contributions to regulatory and digital transformation programmes.

CORE COMPETENCIES

Quality Leadership	Risk-based test strategy, test planning, release readiness & go/no-go reporting, quality metrics, defect triage & root cause analysis, risk acceptance
Testing	Functional, integration, regression, exploratory, API, mobile and USSD testing; UAT coordination; test data & environment management
Automation & Tools	Selenium, Appium, Rest Assured, JUnit, Zephyr Scale, Jira, Git, GitLab CI/CD, Docker
Engineering	Java, Spring, SQL, REST APIs, UML, database modelling
Business Analysis & Agile	Requirements elicitation, acceptance criteria, user story mapping, backlog refinement, Scrum, Kanban

PROFESSIONAL EXPERIENCE

QA Engineer & Enablement — Vodacom Mozambique

11/2022 – Present

Test strategy & release quality

- Define risk-based test strategies for each release, scaling test depth to business impact and change risk.
- Lead the end-to-end test process for key releases, including the M-Pesa Salary Payment Portal, Auto Settlement for Merchants and Dynamic Internet Speed Choice v2.0.
- Produce release quality reports (coverage, defect trends, open risks) and risk acceptance documentation that inform go-live decisions with Product and Engineering leadership.

Shift-left & requirements

- Lead refinement sessions with Product Owners, turning business needs into user stories and testable acceptance criteria.
- Review requirements and specifications before development to surface ambiguities and risks early; contribute to solution design with Solutions Architects and developers.
- Maintain requirements-to-test traceability across the product lifecycle using Jira and Zephyr Scale.

Test enablement & mentoring

- Remove blockers to testing by preparing and managing test data and test environments, so teams can start testing as soon as builds are ready.
- Identify gaps in test coverage and in the QA process, and design and roll out process improvements adopted by the team.
- Help improve the team's test artefacts, including test strategy and test completion report standards.
- Onboard new team members and mentor them during dry-run testing.
- Partner with the automation team to keep regression validation consistent across releases, and with developers and architects to make features testable by design.
- Share QA practices beyond the team through published articles on test environments, multi-team quality and the role of QA.

Execution & automation

- Design and execute functional, integration, regression, API and exploratory tests for business-critical flows.
- Automate web and mobile scenarios with Selenium and Appium.
- Triage defects and drive root cause analysis to resolution, reaching a defect resolution rate above 95% in 2025.

Coordinator: Quality Assurance Engineer — Vodacom Mozambique

02/2022 – 10/2022

- Coordinated QA activities across teams, aligning business requirements with delivered solutions.
- Defined and tracked QA metrics, documented workflows and supported continuous delivery initiatives.

Java Developer — Source Code

01/2021 – 02/2022

- Designed and built Java applications, web services and system integrations for web, portal and mobile products (incl. PENSA, Sauti).
- Applied OOAD/UML modelling and Test-Driven Development with JUnit; contributed to healthcare system design in a process-improvement programme.

Analyst/Programmer → Senior Analyst/Programmer — Transcom SA

01/2018 – 01/2022

- Progressed through three levels on the FenixEdu academic management platform, from fixes and enhancements to supervising new module development.
- Led data migration from the legacy system to FenixEdu and integrated the Primavera ERP API.
- Built an API consumed by the central Government system; ran requirements analysis, code reviews, environment management and releases.
- As Senior, ensured Scrum practices and on-time team delivery, and onboarded new team members.

SELECTED PROJECTS

- **M-Pesa Salary Payment Portal** — Led testing of a platform for businesses to run payroll through M-Pesa; authored the test completion report.
- **Auto Settlement Improvement for Merchants (M-Pesa)** — Test strategy, test case workbook and risk acceptance for configurable merchant settlement windows.
- **Dynamic Internet Speed Choice v2.0** — Led testing of a feature letting customers choose their internet speed tier.
- **Super Agent App** — Validated the field-agent app for registration, SIM swap and sales. *Company recognition.*
- **INCM–NUTEL Regulatory Compliance** — Validated NUTEL registration flows. *Company recognition.*
- **SIM Swap, Digital Registration & Commission Engine** — Validated secure SIM swap with fraud controls, paper-to-digital registration, and automated agent commissions.
- **SoHo & Foreign Subscriber Onboarding** — Tested small-business onboarding to tailored bundles and a compliant registration flow for foreign subscribers.
- **WSO2 Decommission** — Contributed to platform decommissioning. *Company recognition.*

PERSONAL PROJECTS

- **QMind** — Founded and built an AI-powered QA engineering platform that turns requirements into human-reviewed test cases under configurable test design rules. It also runs regression cycles across web, API, mobile and USSD on real devices, and tracks defects, traceability and release readiness.
- **Passei.Academy** — Exam-prep app for Mozambican university and national exams: scrapes past papers, extracts questions with AI and generates answer guides.

EDUCATION & CERTIFICATIONS

BSc Computer Engineering and Communications — ISUTC

08/2022

Thesis: Development of a Multiplatform Application for Academic Content Management

- Certified Business Analysis Professional (CBAP, BABOK v3) — in progress
- QA Specialist Certified · Software Testing for DevOps · Insights on Software Quality Engineering · Security Testing & QA
- Agile Software Projects: Software Requirements · Development & Testing with Agile · Project Management Foundation

PUBLICATIONS

Articles on QA practice: *O Lado Humano do QA*; *Falácia da Responsabilidade do QA*; *Quando o ambiente parece pronto, mas ninguém consegue testar*; *Como manter qualidade em projetos com várias equipas*; *Qualidade vs Novas Funcionalidades*; *SQA Engineer – Understanding the Processes*; *Mobile Test Automation*.

REFERENCES

Available on request.