

# Kennedy Wesley Isiaho

Senior Software Engineer in Test · Quality Engineering Consultant

Nairobi, Kenya  
kenisiaho@gmail.com  
+254 712 869 569  
linkedin.com/in/ken-wesley  
pemystack.com

## PROFESSIONAL SUMMARY

Senior Quality Engineer with over ten years of experience in test automation, quality strategy, and engineering leadership. Proven track record of building scalable QA frameworks that achieve 80% reduction in post-release defects and 50%+ improvement in test execution speed. Founder of Pemy ICT Solution, a consultancy delivering software development, quality engineering, and AI automation for product teams across Kenya and beyond.

## EXPERIENCE

### Lead Software QA Engineer

January 2020 – Present

Trellis · EdTech · Nairobi, Kenya

Led quality engineering for a mission-driven EdTech platform serving hundreds of thousands of school children. Pioneered the Quality Assistance model, distributing quality ownership across all developers rather than a single QA function. Owned the full cross-platform automation strategy spanning Android, web, and API surfaces, and embedded continuous testing throughout the CI/CD pipeline.

80% fewer post-release defects

70% faster test execution

20% faster time-to-market

40% YoY efficiency gain

### Software QA Consultant

December 2021 – May 2024

Aleno · Restaurant Software · Zurich, Switzerland

Evaluated and overhauled QA methodology for a restaurant management SaaS, introducing structured test cycles, automation tooling, and measurable quality benchmarks. Identified and led adoption of new testing tools that fundamentally changed team velocity and release confidence. Delivered fully remote alongside concurrent client work.

40% shorter test cycles

60% more test coverage

60% fewer post-deploy defects

### Software Engineer in Test

January 2016 – December 2019

Incentro · Enterprise Technology · Netherlands / Europe

Built scalable automation for data-intensive financial applications, pairing structured manual testing with SQL-based validation. Drove regression strategy under high-load conditions and bridged technical and business stakeholders to keep complex financial workflows reliable, auditable, and production-safe.

60% increase in test coverage

## SKILLS

<b>Languages</b>	Kotlin, TypeScript, JavaScript, Python, SQL
<b>Test Frameworks</b>	Playwright, Kaspero, Cypress, Selenium, JUnit, k6
<b>Dev Frameworks</b>	React, Next.js, FastAPI, NestJS
<b>Infrastructure</b>	GitHub Actions, Docker, PostgreSQL, Vercel, AWS, Sentry
<b>AI &amp; Automation</b>	Claude API, Groq, OpenAI, FastMCP, LLM-based PR regression checks
<b>Tools</b>	Jira, Postman, Metabase, Testomat, Coda, Git

## SELECTED PROJECTS

### Android PR Acceptance Testing Agent

45 min → 15 min on typical PRs

Claude-powered GitHub Actions workflow that analyses PR diffs and selects only relevant test classes to run using a four-tier selection system.

Claude API · GitHub Actions · Android · Kotlin

### Quality Assistance Model

80% fewer defects · 70% faster execution

End-to-end QA transformation shifting from gated releases to shared quality ownership across Android, web, and API layers.

Kaspresso · Playwright · Cypress · GitHub Actions

### LLM PR Regression Checker

Evidence-backed, anchored in defect history

Autonomous PR review agent using semantic retrieval and GPT-4o to link risky code changes to historical production failures.

OpenAI GPT-4o · GitHub API · Sentry API · Python

### QA Automation Showcase

Full-stack test architecture reference

Runnable multi-layer automation reference covering API, web UI, unit, performance, and Android with parallel CI execution.

Playwright · Cypress · Jest · k6 · Kaspresso

## EDUCATION & CERTIFICATIONS

---

### MBA, Project Management

Daystar University · 2024

### Certified Information Systems Auditor (CISA)

KCA University · 2019

### BSc Computer Science

Masinde Muliro University of Science and Technology · 2013

### Project Management Professional Certificate

Google · 2023