KENNETH KINYAGIA NJENGA

kinyagia2@gmail.com | +254 728 593 820 | Nairobi, Kenya
github.com/Kennjenga | kennbuilds.xyz | linkedin.com/in/kennjenga

PROFESSIONAL SUMMARY

Software Engineer with 2+ years of professional experience building and testing scalable web and mobile applications, APIs, and platform services. Strong foundation in JavaScript, Python, Dart/Flutter, and backend frameworks, with hands-on experience in mobile application development and QA, CI/CD, cloud deployment, and collaborative engineering workflows. Passionate about accessible, well-documented, and maintainable code that serves global, multilingual user bases.

WORK EXPERIENCE

Software Engineer & Tester | Trackalways Africa Limited July 2026 – Present

- Design, develop, and maintain high-performance mobile apps (Flutter, React Native) for Android/iOS.
- Integrate mobile apps with REST APIs and GPS devices to deliver real-time tracking features.
- Collaborate with backend/firmware teams to optimize device-to-app syncing, battery, and data usage.
- Conduct UI/UX testing, write unit tests, and resolve critical bugs to ensure >=99% crash-free sessions.
- Manage release workflows, automated builds, and app store submissions on Google Play and Apple App Store.

Junior Software Engineer | Trinova Technologies January 2025 – May 2026

- Owned feature development end-to-end, from specification to production, for web and mobile clients.
- Integrated RESTful APIs to ensure seamless data synchronization between backend and frontend clients.
- Conducted UI/UX testing, managed support cycles, triaged user issues, and verified timely bugfix releases.
- Developed CI/CD pipelines using GitHub Actions to automate testing and deployments to Google Cloud (GCP).
- Automated mobile application binary builds and delivery to streamline release workflows.

Software Engineer Intern | Apprentice Cloud Limited May 2024 – December 2024

- Developed and tested web/mobile software applications, ensuring reliability and scalability.
- Designed and optimized user experiences using intuitive interface design and user-centered principles.
- Applied Agile Scrum methodology to manage sprint cycles, stand-ups, and deliver features on schedule.
- Collaborated with design, product, and QA teams to ship production-ready software features.

PROJECTS

Novafleet — Fleet Intelligence Platform January 2025 – Present

- Built full-stack fleet management platform with telematics, service alerts, and vehicle controls.
- Delivered AI-driven automation for lease documentation and driver vetting, reducing overhead.
- Stack: React.js, Node.js (NestJS), PostgreSQL, Google Cloud Platform, Docker, GitHub Actions.

AML Crypto — Anti-Money Laundering System 2024

- Developed FATF-compliant Django (Python) system for screening and monitoring crypto transactions.

Omni Command — Flutter Fleet Telematics App 2024

- Live Flutter fleet telematics application on Google Play for real-time tracking and control.

EDUCATION

BSc Applied Computing (Computer Science) | KCA University September 2021 – September 2025
GPA: 3.3/4.0 — Interdisciplinary program combining computing principles with practical development.

Software Engineering Programme | ALX Africa August 2023 – February 2025
Intensive program covering full-stack development, systems programming, and DevOps.

High School Certificate (KCSE) | Nairobi School January 2017 – March 2021
Grade: A-

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, Dart, PHP, Rust, SQL
Mobile: Flutter, React Native (Expo)
Frontend: React.js, Next.js, HTML5, CSS3
Backend: Node.js (Express, NestJS), Django, FastAPI, .NET MAUI
Databases: PostgreSQL, MongoDB, Firebase, MySQL
DevOps/Cloud: GitHub Actions (CI/CD), Docker, Google Cloud Platform (GCP), Microsoft Azure
Tools: Git, Agile/Scrum, REST APIs, Postman, VS Code
Soft Skills: Async communication, technical documentation, cross-functional collaboration, mentorship

VOLUNTEER EXPERIENCE

Tech Backend Lead | KCA University Tech Club September 2024 – September 2025

- Provided technical direction for backend development projects and supervised a team of developers.
- Organized training sessions and workshops, and oversaw project planning to meet quality standards.

CERTIFICATIONS

Agentic AI Foundations | Microsoft Azure Cloud Skills | Blockchain Developer | Python Essentials (Cisco) | Introduction to Cybersecurity | Microsoft ADC LIT Leadership | KCNA (Kubernetes)

REFEREES

Mr. James Gichimu
CEO, Apprentice Cloud Limited
jamohgich22@gmail.com | +254 727 309 037

Mr. Patrobas Bwire
Manager, Trinova Technologies
patrobas@trinovaltd.com | +254 712 290 167