

PETER MWAURA

Software Engineer | Nairobi, Kenya | +254 700 240 076 |

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LinkedIn: [LinkedIn Profile](#) | GitHub: [GitHub Profile](#) | Portfolio: [Portfolio Profile](#)

PROFESSIONAL SUMMARY

Dynamic and creative Software Engineer with 6+ years of professional experience delivering high-quality mobile and web applications. Deep expertise in Android development (Kotlin & Java), React Native, frontend engineering with React/Next.js, and backend engineering (Node.js and Spring Boot). Proven ability to drive projects end-to-end, from conceptual design and architecture through implementation, testing, and deployment. Adept at collaborating in cross-functional teams and working independently to meet aggressive roadmaps and exceed stakeholder expectations. Learning and growing every day.

CORE COMPETENCIES

- Kotlin & Java · Android SDK · Jetpack Compose & MVVM · Retrofit · Coroutines & Flow · Espresso & JUnit testing
- React.js · Next.js (SSR/SSG/ISR) · TypeScript & ES6+ · Tailwind CSS & CSS-in-JS · Zustand · Redux & Context API · Jest & React Testing Library
- Node.js/Express · Spring Boot · Flask & Django · REST & GraphQL APIs · PostgreSQL · MongoDB · Redis · Dockerized microservices
- Git/GitHub workflows · CI/CD (GitHub Actions, Jenkins) · Agile/Scrum & JIRA · Stakeholder Communication · Mentorship & Code Reviews

PROFESSIONAL EXPERIENCE

Safaricom (via Andela) — Nairobi, Kenya

Software Engineer | JUL 2019 – PRESENT

- Core contributor on **Safaricom BusinessHub web portal** and **MySafaricom Android app**.
- Owned end-to-end feature development: requirements gathering, UI/UX collaboration, implementation, testing, and deployment.
- Championed and spearheaded component reusability in React/Next.js, enabling 50% faster new-feature rollout.
- Collaborated in the implementation of CI/CD pipelines (Jenkins) for automated builds, linting, and test coverage reporting—improving code reliability.

Kazi Tech LTD (Ziada) — Nairobi, Kenya

Software Engineer (Consultant) | AUG 2020 – JUN 2023

- Led Android development for **Ziada app** (50 K+ installs), integrating payment gateways and map tracking.
- Translated product requirements into scalable, maintainable code—delivered on time under tight deadlines.
- Conducted performance audits and optimized API calls, reducing the app's data usage by 35%.
- Mentored junior engineers: assigned tasks, conducted PR reviews, and guided best practices.

Andela Kenya — Nairobi, Kenya

Software Engineer | JUL 2018 – JUN 2024

- Developed **Converge tablet application** for internal resource management, delivering on multiple client-driven sprints.
- Collaborated with UX designers to implement Material Design standards, increasing user satisfaction.
- Integrated Google calendar APIs and room-booking workflows, ensuring seamless booking process.

SELECTED PROJECTS & ACHIEVEMENTS

- **MySafaricom App (Andela → Safaricom)** – Contributed to a flagship Android app with 5 M+ downloads. Led payment-flow refactor, reducing crash rate by 80% and improving load times by 40%.
- **Safaricom BusinessHub (Andela → Safaricom)** – Core contributor to the Safaricom BusinessHub web portal with thousands of daily users. Spearheaded refactoring and implementation of reusable components, improving code maintainability and faster delivery of features. Advocated for integration of GraphQL, slashing data-fetch latency by 30%.
- **Converge Tablet App (Andela Kenya)** – Developed a mission-critical meeting-room booking application used across multiple Andela offices. Delivered new features on a 2-week sprint cadence with zero critical bugs in production.
- **Ziada App (Kazi Tech)** – Architected and launched an Android app with 50 K+ downloads for on-demand labor services. Implemented offline caching and sync logic, boosting user engagement by 25%. Mentored & guided two junior

engineers—established coding standards and peer-review processes that improved PR merge speed by 30%.

- **Bumahub Marketplace (Side Project)** – Built a Next.js web app marketplace for building materials, enabling builders to easily source building materials for their projects.

EDUCATION

Bachelor of Science in Computer Science (Incomplete)

Egerton University, Nakuru, Kenya

TECHNICAL TOOLS & CERTIFICATIONS

- Version Control: Git, GitLab, GitHub
- CI/CD & Containerization: Jenkins, GitHub Actions, Docker
- Cloud & Services: AWS (S3, Lambda), Firebase (Auth, Firestore)
- Project Management: JIRA, Trello, ClickUp