

# Ian Kariithi

Senior Mobile Engineer • Android (Jetpack) • Flutter • React Native • KMP

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## PROFESSIONAL SUMMARY

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Senior Mobile Engineer with 6+ years building and shipping cross-platform Android and iOS applications across fintech, logistics, and edtech. Proficient in Flutter, React Native, and Kotlin Multiplatform, with a strong native Android foundation in Kotlin and Java. Proven track record of improving app stability, user engagement, and delivery outcomes at scale — from raising crash-free rates to 99% to architecting solutions that saved companies six figures. Comfortable leading teams, defining architecture, and taking products from concept to store.

## SKILLS

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**Languages & Technologies:** Java, Kotlin, JavaScript, Dart, Android, Flutter, React Native, Kotlin Multiplatform

**Databases:** Room, SQLite, ObjectBox, Hive, Realm, Isar

**Architectures:** MVVM, MVP, Clean Architecture

**CI/CD:** GitHub Actions, Bitrise/CircleCI, Fastlane, code signing, automated store deployment

## EXPERIENCE

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**Snapp Mobile**, Berlin, Germany — *Mobile Developer (Remote)* Jul 2025 – Present

- Developing and maintaining production React Native features for a large-scale mobile application serving a major global corporation.
- Collaborating within an agile, cross-functional team to deliver high-quality, performant UI components.
- Contributing to code reviews, architectural discussions, and continuous improvement of the codebase.

**Teamway**, Copenhagen, Denmark — *Mobile Developer (Remote)* Oct 2022 – Feb 2025

- Co-architected and built the Humani.ai cross-platform mobile app (Flutter) within a small, fast-moving team, taking the product from early stages to near-release.
- Designed and implemented core social and community features, translating complex UX designs into polished, functional interfaces for both Android and iOS.
- Built onboarding and authentication flows, ensuring a smooth and secure first-time user experience.
- Integrated AI-powered chat features, collaborating closely with backend engineers to deliver real-time, responsive interactions.

**Quatrix Global**, Nairobi, Kenya — *React Native Developer (Hybrid)* May 2023 – Jan 2024

- Modernized outdated delivery application functionality with React Native and integrated precise geolocation and mapping features, reducing rider navigation errors by 20% and distance traveled by an average of 75 meters per trip.
- Developed a robust notification system ensuring the app received foreground and background location updates regarding an order.
- Recreated the UI into a modern, easy-to-use interface, receiving more positive user feedback and 19% more engagement time.
- Improved order delivery rates and rider/driver confidence in the product.
- Monitored, tested, and debugged the app and issued timely fixes.

**Directcore Technologies**, Nairobi, Kenya — *Lead App Developer* Oct 2019 – Dec 2023

- Oversaw the development and maintenance of a mobile money application—Instacash.

- Implemented a custom translation engine to support Siswati (an officially unsupported language on Android and iOS) and English translations from the backend, including a sync feature to keep translations current, increased user adoption by 28%.
- Supervised other developers, ensuring code quality and increasing code coverage from 4% to 65%.

**UbaPesa Limited**, Nairobi, Kenya — *Android Developer* Jan 2019 – Dec 2022

- Maintained the UbaPesa Android application—a client for a fully automated peer-to-peer lending platform in Kenya.
- Raised the crash-free user rate from 68% to 99%, leading to a 20% increase in MAU.
- Built an SMS data pipeline using ObjectBox (NoSQL) with a scheduled background task to relay messages to the backend, forming the basis of an in-house credit scoring engine.
- Saved the company hundreds of thousands of dollars when the third-party credit-score provider became unreliable by switching to the in-house engine.

**WS Insight LTD**, Nairobi, Kenya — *App Review Specialist (Consultant)* Feb 2022 – Apr 2022

- Reviewed the Insight Isecure cross-platform mobile application that had fallen behind schedule and was not meeting requirements.
- Assessed security, code quality, and feature completeness against requirements, producing actionable recommendations.
- Advised senior leadership to halt development, preventing further sunk costs of \$110k by identifying critical security vulnerabilities and feature gaps.

## PROJECTS

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*Selected shipped applications—more on my portfolio.*

**Explicador84**—Android & iOS **(10K+ Downloads)**

[App Store](#) • [Google Play](#)

An educational quiz app for the Mozambique Ministry of Education in collaboration with Vodacom, enabling students to revise curriculum content in a gamified format.

*Kotlin, Flutter, Dart, Firebase, Instabug, REST APIs*

**KUPA Kenya** — Android & iOS **(50K+ Downloads)**

[Google Play](#)

A funeral insurance app, helping users manage accounts, make payments, and receive alerts for events and organizational updates.

*Dart, Firebase, GraphQL, REST APIs*

**SILQU** — Android & iOS **(5K+ Downloads)**

[App Store](#) • [Google Play](#)

A fully automated property management solution for landlords, tenants, caretakers, and service providers — covering income, expenses, bills, and invoices.

*Dart, Firebase, MVVM, Room, GraphQL, REST APIs*

**Radio44** — Android

[Google Play](#)

Consulted to resolve critical issues with a Kenyan music radio station's media/audio streaming service, successfully rebuilding the streaming layer.

*Java, ExoPlayer, Media Services, Firebase*

## EDUCATION

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**Karatina University**, Kenya — *BSc. Information Technology* Aug 2013 – Dec 2017

Graduated with Second-Class Honours (Upper Division), specializing in Software Development.

**eMobilis Mobile Technology Academy**, Nairobi, Kenya — *Mobile Software Development & Entrepreneurship (Android)* Jan 2013 – May 2013