

Valentine Rutto

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Professional Summary

Senior Mobile Engineer with **8+ years of experience** designing, building, and maintaining **production-grade Android applications**. Strong expertise in **Kotlin**, modern Android architecture (Clean Architecture, MVVM/MVI), and **offline-first mobile systems**. Experienced in **API integration, secure data handling, performance optimization**, and collaborating with backend teams. Recently focused on **AI-powered mobile features** and scalable system design. Passionate about building reliable software for global users.

Core Skills

Android [Java, Kotlin], Android SDK, Jetpack Compose & XML, Gradle, Bazel, SOLID Principles & Design Patterns, Clean & AI Architecture, Modularized & AI-Powered Apps, Git, CI/CD, Firebase, Unit Testing, RestAPI, Graphql, AI-APIs.

Burn Manufacturing

Work Experience

April 2025 - January 2026

Senior Mobile Applications Developer

April 2025 - January 2026

- **Owned and led the Android platform end-to-end**, driving development and continuous improvement of critical features within an internal native Android application used by field agents across 6+ African countries.
- **Managed the full feature and release lifecycle**, including requirements gathering, technical design, implementation, testing, release management, and application distribution.
- **Led UI and data-flow enhancements** for customer registration and Eco Cooker sales by persisting data locally and implementing lifecycle-aware Android components, optimizing agent workflows and significantly improving the operational experience at scale.

- **Mentored junior Android developers**, providing technical guidance, code reviews, and best-practice standards to strengthen team capability and maintain architectural consistency.

PlaystoreLink:

<https://play.google.com/store/apps/details?id=com.burn.manufactering.app>

Twiga Foods

Android Engineer

June 2024-June 2025

- **Led Android platform development** for two critical applications: a field agent app and a company-wide, modularized WareHouse Data Management System (DMS) supporting core operational workflows.
- **Owned Android architecture and technical direction**, evolving a modularized codebase by designing and delivering new modules and features aligned with business strategy and UX standards.
- **Drove modernization of legacy systems**, migrating dependencies and codebases to Kotlin and modern Android libraries, reducing defects, improving stability, and increasing developer productivity.
- **Designed and implemented offline-first, large-scale scanning and syncing systems** for warehouse operations, enabling agents to scan inventory without connectivity and reliably synchronize data using WorkManager during logistics workflows.
- **Acted as the end-to-end technical owner**, partnering with business stakeholders to translate requirements into scalable solutions, leading UI/UX design decisions, overseeing testing and release processes, and ensuring production stability through post-release support.
- **Influenced cross-functional teams** by collaborating closely with backend, product, and operations teams to deliver reliable, high-impact Android solutions across the organization.
- **Mentored junior Android developers**, fostering a collaborative engineering culture while promoting best practices, code quality, and architectural consistency across the team.

PlayStoreLink:

<https://play.google.com/store/apps/details?id=com.twigafoods.soko&hl=en>

<https://play.google.com/store/apps/details?id=com.twigafoods.twigaagent&hl=en>

LD Talent Network

Android Engineer

November 2023-Present

- Create comprehensive technical documentation and user guides for Android applications, ensuring clear, accurate guidance for the LD technical blog.
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- Act as an Android consultant for LD clients, collaborating closely with cross-functional teams to design and deliver high-quality, scalable Android solutions.

D.Light

Android Engineer

June 2020 - October 2022

- Led development of **native Android applications** using Kotlin and modern Android architecture for these two apps:
 1. Atlas - our internal modularized app that houses 7 apps in one, used by employees in over 35 markets where d.light operates in.
 2. PayGo - our customer app, that allows them to manage and pay for their PAYGO products with ease.
- Designed UI and implemented **Clean Architecture (MVVM)** improving code maintainability and scalability.
- Integrated **RESTful APIs** and implemented robust error handling for unstable network environments.
- Built **offline-first features** using Room, significantly improving user experience in low-connectivity regions.
- Optimized application performance by reducing startup time and refactoring networking operations using WorkManager for background threading. Implemented data syncing features, cutting crashes by 80%, improving responsiveness, and boosting user retention by 40%.
- Collaborated closely with backend engineers, QA, and product teams to deliver features end-to-end
- Worked with Firebase services for analytics, crash reporting, and push notifications.

Play Store Link : <https://play.google.com/store/apps/details?id=com.dlight.paygo>

Play Store Link : <https://play.google.com/store/apps/details?id=com.dlight.atlas>

KOKO Networks

Android Engineer

March 2019 - June 2020

- Developed a media-focused Android application for KOKO Labs, integrating media APIs and third-party SDKs to enable music and video downloads during cooking fuel refill flows, contributing to a **20% improvement in user retention**.
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- **Modernized Kokofuel Android app** by migrating Java to Kotlin, translating UI designs, and shifting from MVP to MVVM—cutting crash rates by 80% , boosting performance and improving user experience.
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- Collaborated with product and design teams to review UI designs and implement user interfaces for the core **KOKO Fuel** application experience.
- Improved test automation by writing **unit tests using MockK**, increasing code reliability and confidence during releases
- Supported post-release maintenance by investigating bug reports from NOC, resolving issues directly or coordinating fixes with relevant development teams to ensure application stability.
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- Refactored asynchronous operations from callback-heavy threading models to **Kotlin coroutines**, improving code readability, error handling, and lifecycle awareness.

PlayStoreLink :

<https://play.google.com/store/apps/details?id=com.kokonetworks.mykoko>,
<https://kokofuel.com/>

Kountable

Associate Android Engineer

October 2018 - December 2018

- Supported development of a customer-facing Android application facilitating trade transactions between SMEs, global suppliers, and payment partners, collaborating with senior engineers.
- Implemented Android features based on product requirements and UI/UX designs, following established engineering standards.
- Integrated third-party SDKs, libraries, and RESTful APIs to support core application functionality.
- Built a strong foundation in Android lifecycle management, threading concepts, UI development, and assisted with debugging and testing.

Education

Bachelor of Science, Computer Science / Degree

Dedan Kimathi University of Science and Technology

Community

Android Blog / Blogger

This is my blog, where I write about Android Development and development tips

Android254 / Member and Speaker

I am an active member of the Android254 community in Kenya, I mostly participate in the capacity of speaker.

Google WomenTechmakers / Member and Speaker

I am an active member of several WTM chapters, where I give technical talks on android, host/attend panel sessions and mentor tech beginners .

Featured By

Google Android Dev Blog 🔥

My android developer journey and experience was featured in the Google Android Developers journey spotlight Blog with 4 other developers from around the world. It can also be found on social media under #AndroidDevJourney.

link:

<https://android-developers.googleblog.com/2021/04/androiddevjourney-spotlight-april.html>

Kotlin Weekly Blog 🔥

My article on Seamless Camera and Media Access on Android 14+ and Legacy Versions was featured in @KotlinWeekly ISSUE #447 Check it out. ✨✨✨✨✨

Blog link: <https://t.co/Hp5GDZArVr>

Kotlin Weekly Link: <https://mailchi.mp/kotlinweekly/kotlin-weekly-447>
