Samuel Juma

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SUMMARY

Samuel Juma is a native Android developer with 3 years of experience in the field. He leverages the power of Kotlin and Jetpack Compose to create scalable and robust applications with a key focus on enhancing user experience and app usability. Outside native Android development, Samuel has also gone further to explore other frameworks including Kotlin Multiplatform(KMP) for building cross-multiplatform applications that run on both iOS and Android platforms.

WORK EXPERIENCE

BuuPass   **Nairobi, KE**

Mobile Engineer   July 2024 - Present

- Improved and optimized UI/UX for the Marketplace App that consolidates bus clients into one to make it easier for customers to book tickets. This resulted in a 30% increase in the number of tickets booked via the app.
- Developed mobile-based ticketing POS systems for bus agents, automating the ticketing process and improving transaction speed by 30%, resulting in a smoother customer experience and increased operational efficiency.
- Collaborated with designers and product managers to implement intuitive user interfaces that improved app usability, reducing user drop-off rates by 20% in key app features.
- Optimized the app's codebase by refactoring legacy code, which reduced app crashes by 25% and improved load times by 15%, leading to higher customer satisfaction.

PhillQins Hub   **Nairobi, KE**

Native Android Developer   Jan 2023 – May 2024

- Managed the full app lifecycle, including testing, debugging, and optimizing performance, achieving a 95% reduction in post-launch issues and ensuring smooth, high-quality user experiences.
- Optimized app performance through code refactoring and integration of best practices, which improved load times by 20% and reduced memory consumption, leading to smoother user interactions on low-end devices.

PWD Gigs | Eldohub   **Nairobi, KE**

Software Developer   Oct 2021 – Jan 2023

- Refactored the organization's primary website code, optimizing for performance and scalability, which resulted in a 30% reduction in page load times and smoother user experiences across devices.
- Developed a mobile application to extend the reach of the organization's services, improving user engagement by 40% and providing users with greater access to content on the go.
- Enhanced website accessibility features, implementing industry-standard practices (e.g., WCAG) to cater to users with disabilities, which increased the website's usability and broadened its user base by 15%.

Projects

❖ **GMS**

Play Store: https://play.google.com/store/apps/details?id=com.samueljuma.gmsmobile

GMS is an all in one gym management solution for gym owners and trainers with four key features including user management, subscriptions management, payment processing and attendance tracking. I built the apps backend in Python Django.

❖ **SuperStocks**

Github: https://github.com/samueljuma/SuperStocks

SuperStocks is a compose multiplatform project (CMP) that gets Realtime data for the top #10 companies around the world, by market capitalization. I am getting the data from the Financial Modelling Prep (FMP) API

❖ **Upcoming Movies**

Play Store: https://play.google.com/store/apps/details?id=com.samueljuma.upcomingmovies

This is a simple movies application that fetches upcoming movies and displays them to users. It helps users to get vital information on which movies are upcoming so users can plan when to watch them.

Github: https://github.com/samueljuma/Upcoming-Movies

Skills

Programming Languages: Kotlin, Java, Python, JavaScript

Mobile Development: Android (Kotlin & Java), MVVM, Material3, Retrofit, Ktor, Room, Coroutines, Jetpack Compose, Dependency Injection (Koin, Hilt), Kotlin Multiplatform Mobile (KMM), Compose Multiplatform.

Cloud: Microsoft Azure, Azure AI

Databases: MySQL

Others: Github, Figma, Asana, Jira, BitBucket.

Education

Taita Taveta University   **Voi, KE**
B. Sc. Mathematics and Computer Science   2016 – 2021

Thunderbird School of Global Management   **Remote, Arizona State University**
Transformational Digital Leadership   2021

African Leadership Experience   **Nairobi, KE**
Professional Foundations   Aug 2024 – Oct 2024

Certifications

Microsoft Certified: Azure Fundamentals

Microsoft Certified: Azure AI Fundamentals

Microsoft Certified: Azure AI Engineering Associate