

JONES K MBINDYO

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WORK EXPERIENCE

Senior Android Engineer,

March 2025 - PRESENT

Equity Bank Group

Nairobi, Kenya (Hybrid)

In my role of building and maintaining the Equity Mobile Banking app, I lead the development team in delivering the insurance product to the platform, collaborating closely with product teams, UX engineers, backend developers, and scrum masters.

Senior Android Engineer,

August 2022 - March 2025

mTek Services (Hillcroft Technologies Ltd)

Nairobi, Kenya (Hybrid)

I collaborated with cross-functional teams to enhance app performance and ensure project delivery using modern Android architectures, particularly MVVM. Key achievements include:

- Pioneered MVVM adoption for cleaner code and improved maintainability. Maintained and optimized the Android SDK in Java and Kotlin, boosting customer retention and sales.
- Led app scaling with third-party integrations for better reusability and security.
- Implemented tagging for personalized recommendations and insurance policy quotations.
- Established a CI/CD pipeline for automated app deployments and utilized Firebase feature flags for remote feature management.

Software Engineer(Android & Backend),

April 2021 - July 2022 (1yr 4mos)

Extra Inch Technologies Ltd.

Nairobi, Kenya (Onsite)

Led all aspects of software development (architecture, performance, code review, tooling) to optimize quality, enhance team productivity, and improve project delivery. Other expertise includes:

- Built modern Android apps using Kotlin, maintained a legacy codebase, and ensured bug fixes for stable, high-performing applications, improving user experience and customer satisfaction.
- Integrated payment systems (e.g., Safaricom Daraja) for a seamless user experience, streamlined processing, and a 5% increase in revenue. Designed scalable RESTful APIs (C#, Python) to enhance system scalability, boost application performance, and manage high traffic efficiently.
- Implemented efficient relational databases, stored procedures, and SQL functions (MS SQL) for optimized data management and streamlined client operations (e.g., financial reports, audit logs, credit score calculations). Led the Android Development team and created technical documentation for effective communication, collaboration, and knowledge sharing.

Android Engineer,

January 2021 - March 2021 (3 mos)

EldoHub Innovation & Technologies LTD.

Eldoret, Kenya (Hybrid)

As an Android developer, I provided leadership in the mobile application development process, delivering progress reports, planning, designing, and developing user flow for the mobile stack with Figma. Through my contributions, we successfully launched an Edu application with an enhanced user experience, increasing customer satisfaction and positive user feedback.

Full Stack Software Developer

January 2018 - Dec 2020 (3 yrs)

Freelancer.com

Voi, Kenya (Freelancer)

As a full-stack developer, I developed and implemented web applications and back-end systems. My expertise in system architecture, programming, and API integration streamlined development, ensuring efficient project delivery, optimized system performance, and improved user experience. Designed relational database architecture for streamlined data management, efficient processing, and enhanced scalability.

EDUCATION

TAITA TAVETA UNIVERSITY - Degree

AUGUST 31, 2016 - December 4, 2020,

Bachelor of Business Information Technology

LEADERSHIP: Mictec official & DSC-TTU Co-lead

PROJECTS

Equity Mobile - App on Google Play: Offers a secure and fast way to meet all banking needs.

mTek - App on Google Play: The platform allows customers to purchase Insurance directly from the Insurer, Compare Insurance Policies, and file claims through their smart devices.

Micro Insurance Advisors - App on Google Play: Helps Britam agents explore diverse Insurance Products within the platform, enabling them to buy through Installments, from the convenience of their phones.

Ngao Credit - App on Google Play: M-Banking app offers quick logbook loans, asset finance, loans against shares, and import finance.

Verona Huruma - Apps on Google Play: Allows quick access to transaction history and account statements, manages junior accounts and short-term loan applications, and allows withdrawals from your wallet straight to your mobile money wallet.

Field Source - Apps on Google Play: A platform for managing, scheduling, and monitoring field team activities in real time.

SKILLS

- **Programming Languages:** Kotlin, Java, and Python.
- **Mobile Development:** Android(Kotlin & Java) MVVM, SDK, Material Design, Retrofit, Volley, Dagger2, offline caching with Room DB, coroutines (Flow), Jetpack Compose.
- **Databases:** MS SQL, MongoDB & Firebase
- **REST API:** Flask Framework & ASP.NET Core (C#)
- **Others:** Version Control(GIT), Web Scraping, Data Analysis, and Data Structures & Algorithms.

AWARDS

- Google Africa Developer Scholarship (Android) by Google and Andela
- AWS Machine Learning Scholarship by Udacity.

ARTICLES (PUBLICATIONS)

- Dev Community - <https://dev.to/rocqjones>