Richard Ebo

SENIOR SOFTWARE ENGINEER (MOBILE)

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Skills

- **Languages -** Kotlin, Java, Javascript, Typescript.
- **Mobile Development -** Native Android (Kotlin/Java), Jetpack Compose, Kotlin multiplatform (Android/iOS), Jetpack Libraries, React Native(Android/iOS), Multi-module and Clean architecture.
- **Database Management -** ROOM, REALM, SQLDelight, Firebase (Firestore).
- API/**Testing -** REST, GraphQL, JUnit5, Mockito/MockK, Espresso, Mock-Web-Server.
- **CI/CD -** Bitrise, Github actions.
- Adept at Algorithms and Data Structures.
- Leadership, Mentorship, Excellent Collaborative Skills
- Effective Communication Practice, Attention to Details, Ability to learn quickly.
- Experience working remotely and in agile conditions.

Experience

Lead Android Engineer (Full Time, Remote) - Circo, Lagos, Nigeria   *NOV 2024 - PRESENT*
- Brought in as an Android specialist to rebuild and productionize the Circo app; implemented modern Android best practices (Jetpack Compose, MVVM/Clean Architecture, CI/CD, modularization, and dependency injection), modernized UI with Jetpack Compose, and delivered a stable, scalable release that improved performance and maintainability.

Senior Android Engineer (Contract) - Cavista Technologies, Lagos, Nigeria   *SEP 2024 - JUL 2025*
- Led the implementation of chat/messaging, video and audio call features for the Axxess Central android application MVP release to playstore.
- Led mobile initiatives during the development process for these features.

Senior Android Engineer (Contract) - MyNormative, Calgary, Canada   *JUL 2024 - OCT 2024*
- Developed/Ported the MyNormative iOS mobile application to android for release on playstore.

Mobile Engineer (Full-Time) - Youverify Inc, Lagos, Nigeria   *SEPT 2022 - AUG 2024*
- Developed the Youverify OS Android SDK used for seamless integration for KYC customer data collation (V-Forms), Liveness checks, and Live Document Capture on Youverify OS.
- Developed Traffic Management Solution app suite used by Traffic officers, complaince officers and the end citizen user with multiple features including authentication, search, report, takeover/handover, compliance checks, and compliance/traffic violation checks and card payment features

Android Engineer (Contract) - Youverify Inc, Lagos, Nigeria   *JAN 2022 - AUG 2022*
- Developed version 2 of an address verification mobile application which aids companies, such as

banks and startups, securely and safely mitigate fraud and expensive financial risk through KYC process.
- Implemented user authentication, profile and user settings features in the app using Kotlin, Android API and Android Jetpack libraries.
- Implemented a new user interface, and app navigation, taking various screen sizes and accessibility into consideration, hence reducing user onboarding time by 6 minutes and improving user experience by 85%.
- Integrated with backend services and endpoints using networking libraries and Kotlin coroutines to implement address verification task processes for individuals, guarantor and businesses.
- Performed UI, mock and fake tests using Espresso, Mockito, Mock-web-server and JUnit.

Mobile Developer (Contract) - Camelcase Technologies, Lagos, Nigeria   *JUN 2021 - OCT 2021*
- Develped SafePazz mobile **(Android and IOS)** apps for visitor and occupancy management in entities.
- Implemented authentication, entity and visitor management, occupancy management, profile features
- Performed code refactoring, tests and improvements on scalability and push to playstore and appstore.

Projects
- **Circo** - Africa's social media mobile application for discovering, creating and earning from contents as a creator anywhere around the world. Built using Kotlin, Jetpack Compose Android SDK, Gemini AI, Jetpack libraries, GraphQL and other third party libraries.

- Axxess Central - HIPAA-compliant communication tool developed for Axxess users across all health organizations for instant secure connection with each other on any device. Built using Kotlin, Jetpack Compose Android SDK, Jetpack libraries, Jitsi, SignalR and other third party libraries.

- **MyNormative** - Female wellness mobile application used to find personalized exercise insights, cycle information, daily questions, new research participation opportunities with greater ease.

- **YVOS Android SDK** - Youverify OS Android SDK used for KYC (V-Forms), Liveness checks, and Document validation and verifications. Built using Kotlin, Android API, Machine learning(ML Kit), Microsoft Azure, Kotlin Coroutines and other third party libraries.

- **Agent Mobile App (V2)** - Address verification mobile app for live address verification of individuals, guarantor and businesses as part of KYC for banks and startups, built using Android Jetpack libraries such as ROOM, Retrofit, Dagger Hilt, Kotlin and Java.

- **Axxess Connect** - Chat application used to improve care coordination within Axxess Central. With audio and video call and chat capabilities. Built using Kotlin, Android API, Machine learning(ML Kit), Microsoft Azure, Kotlin Coroutines and other third party libraries.

- **Youverify ID Scan** - Cutting-edge android application designed for effortless ID scanning and data extraction. Developed using Kotlin, Jetpack Compose, Coroutines, Retrofit, ROOM, Camera API, MLKit and Ms Azure for OCR and data extraction.

- **SafePazz (Android)** - Visitors and Occupancy management Android and IOS application built with React Native, Typescript, Javascript, and other third party libraries.

- **SafePazz (iOS)** - Visitors and Occupancy management Android and IOS application built with React Native, Typescript, Javascript, and other third party libraries.

Education

Electrical Engineering (B.Eng.) - Nnamdi Azikiwe University, Nigeria.   *MAY 2021*

Sixth Best Graduating Student - Pioneered a Tech Community (CMD) to increase the school's tech activities.

Volunteer

- Mentor, Google Africa Developer Scholarship, Android Track - Mentored 15 sholars in the android track through the program phases and up to the project and certification phase, 80% of my group was certified.

- Mentor/Speaker, TechQuest Stem Academy - Gave a speech on the use of data structures and algorithms in software engineering as a tool for problem-solving, mentored learners during the program on Android.