

CHUKWUKA EZE

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Digilent Android developer who has devoted over 2+ years in building applications on the Android platform. My focus is on performance, minimalistic user interfaces, clean & efficient code. As a software engineer, I'm driven to influence the customer positively and how my work impacts them. Also, I'm very passionate about the Open-source space and I actively contribute to Open source software (OSS).

EDUCATION

University of Benin

Bachelor of Engineering, Computer Engineering

- **Relevant Coursework:** Telecommunication principles, Assembly language programming, Introduction to Software Engineering, Control system theory, Computer architecture and organisation, Engineering mathematics, Data Structures and Algorithms.

PROFESSIONAL EXPERIENCE

[XpenseWhiz](#) - Money tracker app | Kotlin, Compose, Room, WorkManager

- Engaged in developing custom UI components to provide a unique feel and exciting user experience.
- Wrote unit tests and setup CI with Github Actions to continually ensure correctness upon adding new features.

[EnglishWhiz](#) - English dictionary app | Kotlin, Compose, Room, TTS engine

- Designed the project to explore jetpack compose framework capabilities.
- Improved database queries resulting in increased faster word suggestions and search results.

[Jamb360](#) - CBT mobile app | Java, SQLite, Paystack SDK

- Engaged in compiling the database of over 10k test questions.
- Optimised database queries across the app which led to significantly reduced delay and improved performance.

[Roomie](#) | Kotlin, KSP, Jitpack

- Developed an open source Android library that generates Room type converters, slashing development time by 7%.
- Successfully deployed to Jitpack and made open source.

[DigitConverter](#) | Kotlin, Jitpack

- Created an open source Android library which returns word representation of a number.
- Successfully deployed to Jitpack and made open source.

SKILLS

Kotlin, Java, Git, GitHub, GitHub Actions, MVP, MVVM, Dagger-Hilt, Unit testing, Kotlin Coroutines/Flow, REST APIs, JSON, Jetpack Compose, XML, Firebase, Retrofit, OkHttp, Room, Android SDK.