Nathaniel Akubuo
Senior Mobile Engineer

SUMMARY

The engineer in question manifests proficiency in mobile application development, with extensive experience in the creation and enhancement of complex platforms within the Nigerian market. Possessing demonstrated expertise in Flutter and Dart for cross-platform development and a grasp of native API interfacing using Swift and Kotlin, the engineer has effectively employed TypeScript for cloud function management on Firebase. Additionally, the engineer has skilfully set up CI/CD with Fastlane and integrated real-time communications with websockets, contributing to the delivery of robust, user-friendly applications. Maintaining a strong focus on performance and stability, the engineer leverages tools such as Firebase Crashlytics and Flutter's performance profiling. Moreover, the engineer's background encompasses a Computer Science degree, providing a sound theoretical foundation underpinning their practical skills. With a portfolio featuring innovative features like AI-based verification, video calling via the Agora SDK, and advanced in-app transaction functions, the engineer's technical acumen ensures a performance-focused and user-centric development approach.

TECHNICAL SKILLS

Main Technical Skills	Dart (2 yr.), Swift, Kotlin, TypeScript
Programming Languages	Dart (2 yr.), Kotlin, Swift, TypeScript
AI & Machine Learning	AI
Android Libraries and Tools	Kotlin
Deployment, CI/CD & Administration	CI/CD (2 yr.)
Methodologies, Paradigms and Patterns	FDD
Collaboration, Task & Issue Tracking	IBM Rational ClearCase
BlockChain and Decentralized Software	MetaMask
Platforms	SharePoint
QA, Test Automation, Security	Unit Testing
Operating Systems	Unix
Other Technical Skills	Chat GPT

WORK EXPERIENCE

Lead Mobile Engineer, HeyFood Mobile Application

Duration: Oct 2022 - Present
Summary: Built and maintaining HeyFood — one of the fastest growing food delivery services in Nigeria.
Responsibilities: Handled the entire mobile development lifecycle, performance profiling, fixed performance issues for improved app responsiveness, setup CI/CD pipeline, built a real-time chat system, implemented a multiple-order acceptance feature.
Technologies: Flutter, Dart, Swift, Kotlin, TypeScript, Firebase, Fastlane, Websockets

Mobile Engineer, ForKeeps Mobile Application

Duration: Aug 2022 - Present
Summary: Built and maintaining ForKeeps — A platform to sell to and buy from your friends' and followers' closets.
Responsibilities: Designed and built a 2-way real-time chat system, automated push notifications, designed and built a draft system for listings, monitored and addressed app crashes for improved stability and UX.
Technologies: Firebase Cloud Functions, Firebase Crashlytics

Mobile Engineer, Ardor Mobile Application

Duration: Mar 2022 - Nov 2022
Summary: Built Ardor — A secure matchmaking experience for Africans with AI verification and video calling features.
Responsibilities: Implemented AI-based profile verification, video calling, group chat feature, and automated push notifications.
Technologies: Firebase Cloud Functions, Agora SDK

Mobile Engineer, MumHealth Mobile Application

Duration: Nov 2021 - Oct 2022
Summary: Built MumHealth — Healthcare and E-Commerce product for various stakeholders with several in-app capabilities.
Responsibilities: Implemented an e-shop, invoicing feature, custom e-wallet, paywalled chat with licensed professionals, referral system with store credit rewards.
Technologies: NA

Intern, ZuriChat

Duration: Aug 2021 - Dec 2021
Summary: Collaborated in building ZuriChat — an open-source professional messaging application similar to Slack.
Responsibilities: Implemented Share-To-Channel feature, wrote multiple unit tests.
Technologies: NA

EDUCATION

- **Computer Science with Education (B.Sc)**
  University Of Benin · 2018 - 2021