ADEMOLA FADUMO

Software Engineer
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SUMMARY

Software Engineer at Invertase maintaining Google's open-source Firebase SDKs. Cloud Functions for Dart, Firebase Admin SDK for Dart, and FirebaseUI for iOS and Android. 5+ years shipping production mobile applications in Flutter/Dart, Swift, and Kotlin, spanning fintech, banking, and consumer products. Focused on public API design, cross-platform architecture, and developer-facing tooling used at scale.

TECHNICAL SKILLS

Languages — Dart, Swift, Kotlin, Objective-C, Java, TypeScript, C++
Mobile — Flutter (Bloc/Cubit, Riverpod, Isolates, Platform Channels, RxDart, GetIt), SwiftUI, UIKit, Combine, Jetpack Compose, Coroutines, Core Data, SQLite
Backend & Cloud — Firebase (Firestore, Cloud Functions, Auth, Realtime Database), Google Cloud Platform, REST APIs, JSON
Tooling & Testing — Git, GitHub Actions, Codemagic CI/CD, Swift Package Manager, CocoaPods, Mockito, Mocktail, XCTest

EXPERIENCE

Software Engineer (Cross Platform) **Remote, United Kingdom.**
Invertase Ltd, Full time. September 2025 - Present

- Built the Dart Firebase Admin SDK across Auth, Firestore, Messaging, Storage, Functions, and Security Rules to full parity with the Node.js Admin SDK; architected the standalone google_cloud_firestore package, contributed upstream to firebase-functions-dart, and implemented Workload Identity Federation and OAuth2 refresh-token auth.
- Refactored the FirebaseUI-iOS auth flow and AuthPickerView as a modal sheet with NavigationStack routing, plus redesigned email, password-recovery, and phone views.
- Led the Jetpack Compose migration of FirebaseUI-Android, shipping AuthMethodPicker, EmailAuthScreen, and PhoneAuthScreen with 9+ sign-in providers including OAuth2 and custom OIDC/SAML configurations; built a Firebase Auth emulator e2e suite on GitHub Actions and shipped the beta release.
- Automated engineering workflows by running parallel Claude Code sessions across git worktrees, integrated with Linear (via MCP) and Slack to streamline issue triage, task handoff, and team updates.

Senior Mobile Engineer **Remote, Nigeria.**
Sircle Company Ltd, Full time. March 2023 - March 2025

- Led a team of three mobile engineers across two production products, and solely built the Olive MFB mobile banking application from architecture design through production deployment.
- Secured client–server data transmission using AES-GCM with an Elliptic Curve Diffie–Hellman key agreement protocol.
- Led development of a Flutter-based POS application, integrating a Kotlin Android POS SDK through platform channels and shipping it to production.

Mid-level Software Engineer **Remote, California, United States.**
Revery Labs Inc (Now Mindlab Corporation), Full time. July 2022 - March 2023

- Rebuilt the majority of the Flutter interface layer for Pocket Kado, a CBT-I sleep app developed in collaboration with Stanford Medicine and winner of the National Sleep Foundation's 2023 SleepTech Award, within three months of joining; mentored teammates transitioning onto the framework.
- Integrated Firebase Firestore, Cloud Functions (Node.js), Realtime Database as the backend, with comprehensive unit and 100% test coverage across authentication flows.

Flutter Engineer **Remote, Nigeria.**
Raptures Entertainment Inc, Full time. October 2021 - June 2022

- Successfully launched the mobile application, resulting in over 50,000+ downloads to date.
- Implemented an efficient image processing and compression system, elevating media content quality for a significantly improved user experience.

CONTRACT (PART-TIME)

iOS Mobile Developer **Remote, Nigeria.**
Risevest Technologies Ltd, Contract. September 2024 - August 2025

- Refactored a UIKit codebase to MVVM with coordinators for view controllers and tab controllers, restructured around feature modules.
- Separated staging and production environment configurations, and integrated Smile ID biometric verification for KYC compliance.

iOS Engineer **Remote, Nigeria.**
Open Factor Technology Group, Contract. March 2025 - June 2025

- Led development of the Account Maintenance service includes profile, accounts, account upgrade and reactivation, and transaction limits in the iOS app for ALAT by Wema Bank, Nigeria's first fully digital bank (1M+ Android installs).
- Built with MVVM-C, RxSwift, and RxCocoa over UIKit for functional reactive programming.

EDUCATION

Udacity — iOS Developer Nanodegree (See credential)
Mountain Top University, Nigeria — Bachelor of Science, Major in Computer Science; Minor in Mathematics