

Jeremiah Israel (Erinola)

Senior Mobile Engineer — Native iOS/Android • SDK Development • Cross-Platform

Lagos, Nigeria | (+234)8163791889 | seunjeremiah@gmail.com | [LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Senior Mobile Engineer with 5+ years shipping **production SDKs** and **consumer apps** at scale. Proven track record building native iOS/Android modules, cross-platform frameworks (Flutter, React Native), and developer tooling adopted by enterprise clients. Deep expertise in **SDK architecture, native bridging, and performance optimisation** — from BLE health integrations to AI-powered nutrition assistants. Open-source contributor to **PostHog and Stripe** (Swift, Kotlin, Dart, and JS) with merged contributions to mobile SDKs.

Core Competencies:

- Native iOS (Swift) and Android (Kotlin) SDK development
 - Flutter/Dart Plugin architecture | React Native/Typescript
 - SDK distribution (CocoaPods, SPM, Maven, pub.dev)
 - AI/ML mobile integration (RAG, LLMs, VectorDB)
 - CI/CD automation
-

TECHNICAL SKILLS

- **Languages:** Swift, Kotlin, Dart, TypeScript, JavaScript
 - **Mobile SDKs:** iOS Frameworks, Android Libraries, Flutter Plugins, React Native Modules
 - **Distribution & Tooling:** CocoaPods, Swift Package Manager, Maven, pub.dev, Gradle, Xcode
 - **Native Integration:** Platform Channels, JNI, Swift/Dart FFI, BLE (Bluetooth Low Energy)
 - **Backend/Data:** Firebase, PostgreSQL, NoSQL, VectorDB, GraphQL, REST APIs
 - **AI/ML:** Google Gemini, RAG architecture, Cohere, semantic search
 - **DevOps:** GitHub Actions, Fastlane, automated release pipelines, CI/CD
-

PROFESSIONAL EXPERIENCE

Senior Mobile Engineer - *Peerpay Network Limited* (Lagos, Nigeria) | **Jul 2025 - Present**

Architect and maintain **cross-platform fintech SDK** for native iOS (Swift), Android (Kotlin), Flutter, and React Native, distributed to banking applications nationwide. Lead SDK integration for enterprise clients and optimise core financial services infrastructure.

- **SDK Architecture:** Engineered native iOS/Android plugins, with Flutter/React Native bindings, enabling seamless integration for 27 commercial banking apps, with more in the pipeline.
- **Developer Experience:** Reduced client integration time from 24 weeks to 7 days through automated onboarding and comprehensive API documentation
- **Performance:** Optimised backend data processing pipelines, increasing SDK response speed by 15% and reducing memory footprint by 45%.

Android Engineer (Contact) - Anywhere Healing Ltd (Remote California, United States) | **Dec 2024 - Mar 2025**

Developed **Android health platform** integrating wearable BLE devices for bioresonance therapy. Focused on low-level Bluetooth optimisation and real-time data synchronisation.

- **Native Android:** Built a Kotlin-based BLE integration layer, achieving 15% faster data synchronisation and improving patient monitoring reliability.
- **Architecture:** Refactored legacy codebase to modern architecture, contributing to a faster startup time and a 20% increase in daily active users.
- **Health Tech:** Implemented real-time biometric data pipelines, ensuring HIPAA-compliant data handling and offline-first synchronisation.

Mobile Engineer (Contact) - Shearify Ltd (Remote, Muscat, Oman) | **May 2024 - Nov 2024**

Led end-to-end development of a **stylist booking platform** using Flutter and AWS Amplify. Owned product architecture from backend integration to App Store release.

- **Product Growth:** Architected a booking system resulting in a 40% increase in stylist bookings within 3 months of launch.
- **System Reliability:** Reduced system downtime by 35% through GraphQL API optimisation and AWS Amplify infrastructure management
- **Stability:** Delivered 99.9% crash-free user sessions via Sentry monitoring, proactive error handling, and automated testing pipelines

Senior Mobile Engineer - Swires Technologies Ltd (Lagos, Nigeria) | **Nov 2023 - Jun 2025**

Promoted from Flutter Engineer → Lead Flutter Engineer

Built **automobile support platform** (10,000+ users) and logistics SDK (Vendoor/Vendoor Rider) from zero to production. Progressed from individual contributor to technical lead.

- **SDK Development:** Designed Vendoor Rider SDK plugin (Android & iOS) for logistics partners, enabling third-party fleet management integrations.
- **Performance:** Reduced application response time by 30% through REST API optimisation, database query tuning, and image caching strategies

Mobile Engineer - Impresanera Ltd (Rivers, Nigeria) | **Jun 2022 - Oct 2023**

Spearheaded development of **ride-hailing platform** with real-time tracking and WebSocket-based dispatch system.

- **User Adoption:** Achieved 60% user adoption rate within 6 months through intuitive UX and reliable real-time features.
 - **Real-time Systems:** Implemented WebSockets and Push Notifications, improving ride request response rates by 50%.
 - **Team Impact:** Mentored junior developers, improving sprint velocity by 25% through pair programming and technical onboarding.
-

PROJECTS

CircleBox (2026) - High-Performance Mobile "Flight Recorder" SDK & Observability Pipeline

Production-ready **multi-platform "flight recorder" SDK** for mobile observability, capturing native system signals into a high-performance ring buffer. Engineered with a 100% native core for iOS, Android, Flutter, and React Native.

- **Native Integration:** Built 100% native Swift (iOS) and Kotlin (Android) bridges to monitor low-level telemetry (thermal states, memory pressure, thread contention) with atomic crash-time flushes that preserve "black box" context during hard-signal crashes.
- **Infrastructure & Reliable Ingest:** Architected a serverless ingestion pipeline on Cloudflare Workers featuring idempotent ingest headers, compressed multi-format exports (JSONGzip/CSV), and a persistent local retry queue for 100% offline-first reliability.
- **Tech Stack:** Kotlin, Swift, Dart (Flutter), TypeScript (React Native/Expo), Cloudflare Workers, Platform Channels, GitHub Actions.

Preggy (2025) - Mobile App

- Architected and developed a mobile-first pregnancy nutrition assistant providing accurate, region-aware, and trimester-specific dietary guidance.
- Engineered a sophisticated AI core using **Retrieval-Augmented Generation (RAG)**, integrating **Google's Gemini** with an evidence-based knowledge base.
- Implemented a **VectorDB** for high-speed semantic search and leveraged **Cohere** to power the AI-backed Q&A and photo-check features.
- **Tech Stack:** React Native, Google Gemini, Cohere, RAG, VectorDB, Node.js

Deo AI (2025) - Mobile App

- Architected and developed the responsive, cross-platform frontend (**Flutter Web & Mobile**) for an AI-powered Progressive Web App (PWA).
- Provides daily outfit suggestions by analysing weather patterns and the user's existing wardrobe, powered by **Gemini AI**.
- **Tech Stack:** Flutter Web, Flutter Mobile, PWA, Gemini, Cloudflare, Node.js, Supabase

Stripe Identity Plugin - KYC Plugin

Production-ready Flutter plugin integrating **Stripe Identity KYC verification** for financial applications. Published to pub.dev with 100% native iOS/Android implementation.

- **Native Integration:** Built Swift (iOS) and Kotlin (Android) bridges to Stripe Identity SDK, handling camera permissions, document scanning, and verification workflows.
- **Distribution:** Published to pub.dev with automated CI/CD, semantic versioning, and comprehensive integration documentation.
- **Tech Stack:** Kotlin, Swift, Dart, Stripe Identity API, Platform Channels

Languages

- English (Fluent)
- Spanish (Conversational)