

Edwin Carrera Balbin

Mobile Engineer (Flutter) | Full Stack Developer

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[LinkedIn](#) · [GitHub](#) · [Portfolio](#)

Summary

Flutter developer with 8+ years of experience, mostly in Fintech and Crypto. I've built and shipped mobile apps end-to-end – from architecture decisions to App Store/Play releases. I also do backend work when needed (Python, Laravel, Node.js), but mobile is where I'm strongest.

Experience

[BNKA](#) – Full Stack Developer (Mobile Lead)

Mar 2023 – Oct 2025

Fintech app for managing and moving money globally (EUR, ARS, PEN, COP, Crypto).

- Led the initial launch using a Flutter WebView hybrid approach to ship faster.
- Migrated the entire app from Ionic to Flutter – big performance jump.
- Set up the multi-environment Flutter project (Dev, Staging, Production) from scratch.
- Built core modules: **Swap** (FIAT/Crypto), **Payment Requests**, **Auto Swap**, and **GMoney** integration.
- Wrote automated tests for the most critical financial flows.

[App Store](#) · [Google Play](#)

Stack: Flutter, Python, PHP, SQL, Docker

[Cuentología](#) – Flutter Developer

Jan 2023 – Nov 2023

Children's EdTech audio app (bedtime stories, meditations, subscriptions).

- Built a detailed analytics system tracking how users listen – segments, skips, replays.

- Handled tricky background audio, interruptions (calls, alarms), and state persistence.
- Integrated in-app purchases and subscription lifecycle via RevenueCat.
- Worked directly with the CTO and design team under Agile sprints.

Stack: Flutter, Firebase, AWS Amplify, RevenueCat, Mixpanel

CryptoMarket – Mobile Developer (Flutter)

Aug 2021 – Nov 2022

Crypto exchange app – trading, asset management, investment products.

- Built the core flow for sending, receiving, and swapping crypto.
- Boosted KYC completion by 70% using Server-Driven UI forms.
- Created and published [flutter_jsonschema_builder](#) – a Pub.dev package for generating dynamic forms from JSON Schema.
- Migrated legacy modules to Clean Architecture + TDD, reaching 85% test coverage.

Stack: Flutter, Firebase

Pulpi – Full Stack Developer (Freelance)

May 2022 – Jan 2023

Video call platform where users pay for expert advice in real time.

- Built the Flutter app and Node.js backend from the ground up.
- Migrated real-time listeners from Firebase to Server-Sent Events (SSE) for better scalability.

Stack: Flutter, Node.js, Firebase, AWS, MySQL, Redis

Rantiy Ecosystem (Marketplace, Wallet & Club) – Founder

Mar 2019 – Jul 2021

Built two Flutter apps for a Fintech/Marketplace startup I founded in Lima.

- Adopted Flutter in 2019 (very early) to ship a single codebase for iOS and Android.
- Designed for low-end devices and limited data plans – heavy caching, compressed assets.
- Mobile KYC flow using camera-based ID verification.
- Scaled to 100+ active stores (Marketplace) and 200+ agent locations (Wallet).

Stack: Flutter, Laravel, Firebase, AWS

Evolbit – Mobile Developer

Feb 2020 – Jun 2020

- Improved a news app's performance by ~50% – rewrote the feed and fixed audio (one player instead of many).
- Added geofencing to trigger location-based offers for BBVA users.

Stack: React Native

SD Sharp – Flutter Developer

Nov 2019 – Mar 2022

Italian agency. Built **Giooby**, an electoral survey app used in Mexican elections.

- Full offline-first data collection (surveyors worked in areas with no signal).
- Map-based route guidance for field surveyors.

Stack: Flutter, Firebase

Open Source

- [flutter_jsonschema_builder](#) – Generates dynamic Flutter forms from JSON Schema. Used in production at CryptoMarket.
 - [Rubick Game](#) – Mobile game built to explore Riverpod and Bloc state management.
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Education

SENATI – Software Development, Lima, Perú (2016)

Skills

- **Mobile:** Flutter, Dart, BLoC, Riverpod, Clean Architecture, TDD, Server-Driven UI, In-App Purchases, Background Audio, Geofencing, Offline-first

- **Tools:** Firebase, RevenueCat, Mixpanel, AWS Amplify, Fastlane, Codemagic, Xcode, Android Studio
- **Backend (supporting):** Python, Laravel, Node.js, REST APIs, SQL, Docker, AWS
- **Languages:** Spanish (native), English (intermediate)