

Edwin Carrera Balbin

Full Stack Developer | Mobile Engineer

Lima, Perú (UTC-5) | [+51 901 547 739](tel:+51901547739) | edwinbalbin@outlook.com

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

Summary

Full Stack Developer with 8+ years of experience, mostly in Fintech and Crypto. I work across mobile (Flutter) and backend (Python, Laravel, Node.js), and I've built and shipped complete products from scratch – architecture, API design, mobile app, deployment and all. I care about code quality, real test coverage, and systems that actually hold up in production.

Experience

[BNKA](#) – Full Stack Developer

Mar 2023 – Oct 2025

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

- Led the initial launch using a Flutter WebView approach to ship faster.
- Migrated the mobile app from Ionic to Flutter – improved performance significantly.
- Set up the full Flutter ecosystem with multi-environment config (Dev, Staging, Production).
- Owned several core modules: **Swap** (FIAT/Crypto), **Payment Requests**, **Auto Swap**, and **GMoney** integration – both backend and mobile.
- Refactored multiple legacy backend systems (PHP/Python) to improve reliability.
- Wrote automated tests for critical financial flows.

[App Store](#) · [Google Play](#)

Stack: Flutter, Python, PHP, Node.js, SQL, Docker

Pulpi – Full Stack Developer (Freelance)

May 2022 – Jan 2023

Video call platform where users connect with experts and pay with virtual coins (Pulpicoins).

- Built the Flutter app and Node.js backend end-to-end.
- Migrated real-time events from Firebase to **Server-Sent Events (SSE)** for better scalability.
- Designed the financial DB based on Microsoft Dynamics NAV's accounting structure.

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

CryptoMarket – Mobile Developer (Flutter)

Aug 2021 – Nov 2022

Crypto exchange – trading, portfolio, investment products.

- Built the core crypto transaction flows (send, receive, swap).
- Increased KYC completion by 70% with backend-driven dynamic forms.
- Published [flutter_jsonschema_builder](#) – open source Flutter package on Pub.dev.
- Migrated legacy modules to Clean Architecture + TDD, reaching 85% test coverage.

Stack: Flutter, Firebase

Cuentología – Flutter Developer

Jan 2023 – Nov 2023

Children's audiobook app with subscriptions and detailed engagement tracking.

- Built granular audio analytics (replays, skips, volume changes) with Firebase, Mixpanel, and Facebook Analytics.
- Handled background audio playback, OS interruptions, and state persistence in Flutter.
- Integrated RevenueCat for in-app purchases and subscription management.

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

Reply – Full Stack Developer (Freelance)

Oct 2020 – Dec 2020

Student Q&A platform with a virtual coin (ReplyCoins) economy.

- Built the backend API with NestJS and real-time chat with Socket.io.
- Integrated Culqi for payment processing.

Stack: Flutter, Node.js, NestJS, MongoDB, Socket.io

Rantiy Marketplace & Delivery – Founder

Apr 2020 – Jul 2021

E-commerce platform for local stores in Lima, built during the pandemic. Reached 100+ active stores.

- Built the full product: Laravel + Python backend, Flutter mobile app.
- Real-time order tracking, push notifications, and Redis caching.

Stack: Flutter, Laravel, Firebase, AWS, Python

Evolbit – Mobile Developer

Feb 2020 – Jun 2020

- Improved a news app's performance by ~50% by rewriting the feed and fixing audio handling.
- Added geofencing for location-based offers (BBVA users).

Stack: React Native

SD Sharp – Flutter Developer

Nov 2019 – Mar 2022

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

- Offline-first data collection for field surveyors.
- Map routing to guide daily survey work.

Stack: Flutter, Firebase

Printeddy – Co-Founder

Feb 2023 – Jan 2024

Pre-order platform for creators (built with Laravel, deployed on AWS).

Rantiy Wallet / Rantiy Club – Founder

Mar 2019 – Apr 2020

Fintech wallet for unbanked Peruvians. 200+ agent stores in Lima.

- Full backend (Laravel + MySQL): transfers, referrals, real-time balance updates.
- Remote KYC via mobile camera and AWS S3.
- Flutter apps for both end users and merchants.

Stack: Laravel, MySQL, Flutter, Firebase, AWS

Somos Sistemas – Full Stack Developer

May 2017 – Oct 2018

Built offline-first systems with sync logic. Managed projects end-to-end.

Stack: Laravel, Python, React Native, Node.js, Firebase

Open Source & Projects

- [flutter_jsonschema_builder](#) – Flutter package to build dynamic forms from JSON Schema.
 - [Escanea & Pide](#) – AI-powered SaaS for restaurant ordering. Built the AI menu extraction system in Python, backed by Supabase and Docker.
 - [Rubick Game](#) – Mobile game exploring Riverpod and Bloc.
-

Education

SENATI – Software Development, Lima, Perú (2016)

Skills

- **Mobile:** Flutter, Dart, BLoC, Riverpod, Clean Architecture, TDD, Server-Driven UI, KYC flows
- **Backend:** Python, Laravel, Node.js, NestJS, Django, REST APIs, SSE, WebSockets
- **Databases:** MySQL, PostgreSQL, MongoDB, Redis, Firestore
- **Cloud & DevOps:** AWS, Firebase, Docker, Git
- **Methodologies:** Scrum, Kanban, Agile
- **Languages:** Spanish (native), English (intermediate)