

# Edwin Carrera Balbin

Full Stack Developer

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**Senior Full Stack Developer** with over 8 years of experience building scalable mobile and backend systems in Fintech and Crypto environments. Strong background in **Flutter, Python, Laravel, AWS, and Docker**. Proven experience applying Clean Architecture, Test-Driven Development (TDD), KYC integrations, and performance optimization of legacy systems. Hands-on experience leading end-to-end mobile deployments to the **App Store** and **Google Play**.

## EXPERIENCE

### [BNKA | Full Stack Developer](#) August 2023 – October 2025

Web platform that enables immigrants to send and receive fiat and cryptocurrency.

- Led the development of a new webview application and managed the end-to-end deployment process to Google Play and App Store.
- As a Full Stack Developer, owned two core system modules:
  - **Swap**: enabled users to exchange between FIAT and Crypto currencies.
  - **Payment Request**: allowed users to request payments from other users.
  - **Gmoney**: Integration with peruvian service to handle p2p, transfers and wallet
  - and more modules
- Fixed multiple critical bugs and implemented tests across core flows to prevent future production issues.
- **Technologies**: Python, JavaScript, PHP, SQL, Docker, AWS, Flutter.

### [Cuentología | Mobile Developer](#) March 2023 – November 2023

- Collaborated with the CTO and product designers to optimize UI performance and user experience.
- Developed a metrics tracking system for audio content to analyze user behavior (most listened, interrupted, and ignored stories).
- Improved screen loading times by optimizing backend requests and reducing payload overhead.
- **Technologies**: Flutter, Firebase, AWS.

### [CryptoMarket | Mobile Developer](#) August 2021 – November 2022

- **Achieved a 70% improvement in the KYC process** by implementing a dynamic backend-driven form system.
- Developed and published the `flutter_jsonschema_builder` package on pub.dev to support dynamic form generation.
- Engineered a comprehensive cryptocurrency movement module for sending, receiving, and exchanging assets.
- Migrated legacy modules to **Clean Architecture** and **TDD**, increasing test coverage to 85%.
- **Technologies**: Flutter, Bloc, Firebase.

### [Rantiy Marketplace | Full Stack Developer & Founder](#) July 2019 – June 2021

- Scalability-focused lead: Expanded the platform to over 200 active stores in Lima.
- Optimized data consumption to ensure the application remained lightweight and functional on limited data plans.
- **Technologies**: Flutter, Laravel, Python, Firebase, AWS.

- Developed a robust offline-first system with automatic data synchronization upon reconnection.
- Managed multiple IT projects from initial conception to 100% successful implementation.
- **Technologies:** Laravel, Python, React Native, [Node.js](#), Git, Firebase.

## TECHNICAL SKILLS

- **Languages:** Flutter/Dart (Advanced), PHP/Laravel (Advanced), Python (Advanced), JavaScript (Intermediate), Solidity.
- **Mobile:** Flutter, Bloc State Management, Clean Architecture, KYC Integration.
- **Backend & Databases:** Laravel, Django, MySQL, SQL, Firestore, MongoDB.
- **Cloud & Tools:** AWS, Firebase, Docker, Git, TDD.

## SOFT SKILLS

- **Effective Communication:** Strong believer that clear, proactive communication within the team is critical to unblocking tasks and meeting project milestones.
- **Continuous Learning:** Passionate about staying ahead of industry trends and mastering new technologies like Blockchain, AI, and modern web frameworks.
- **Team Collaboration & Mentorship:** Experienced in working closely with cross-functional teams (CTOs, designers, and backend managers) to ensure seamless feature integration.

## EDUCATION & PROJECTS

- **Personal Projects:** Developing games since 2013; currently exploring Blockchain (Solidity), AI, and Serverless architectures.
- **Freelance:** Gobby Voting Registration - Optimized memory leaks and local data sync.
- **Languages:** Spanish ( Native ) English (Intermediate).