

CARLOS CASCO VALLE

Senior Mobile Engineer

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SUMMARY

Mobile Engineer with 5+ years of experience building and maintaining cross-platform applications for iOS and Android using Flutter and React Native. Focused on Clean Architecture, code readability, and long-term maintainability. Led small teams as tech lead, modernized legacy codebases, and built design systems and CI/CD pipelines from scratch, working closely with design and backend teams.

TECHNICAL SKILLS

Mobile: Flutter (Dart), React Native
State Management: BLoC / Cubit, Redux
Architecture: Clean Architecture, Domain-Driven Design (DDD)
Backend & Cloud: Firebase, Supabase, Dart Frog, PostgreSQL
CI/CD: Codemagic, GitHub Actions
Tools: Xcode, Android Studio, Git, Figma, Linear, Jira

EXPERIENCE

Lynx Labs — Senior Mobile Engineer

Jul 2025 – Present

- Defined and implemented a wizard-based UI pattern for the onboarding and account-creation flows (savings and checking accounts), replacing a multi-screen approach to improve flow consistency and maintainability.
- Advocated for and contributed to the consolidation of shared layouts and components across onboarding and account-creation flows, resulting in a unified UI now used across both.
- Implemented UI screens and supporting components within the transfers module.
- Review 5–10 pull requests weekly, helping maintain code quality and consistency across the team.
- Contributed to expanding the app's English/Spanish localization files, supporting a bilingual user base.

Stack: React Native, Redux, Expo, Figma, GitHub

Contollo — Senior Mobile Engineer (Contract)

Aug 2024 – Jun 2025

- Led a team of 2 mobile developers as tech lead for a React Native fundraising application, defining architecture and design patterns.
- Introduced linting rules and a formal branch merging strategy to standardize development workflows; conducted code reviews and QA on team deliverables.
- Led the migration of a legacy real estate broker management app from Flutter 2.x to 3.x, as the sole Flutter developer on the team, enabling compatibility with newer Apple devices.
- Migrated a project's CI/CD pipeline to a newer Flutter version and built an automated build pipeline from scratch for a second project using GitHub Actions.
- Translated Figma designs into production-ready FlutterFlow interfaces for a recreational vehicle (RV) inspection tool, including API integration, state management, and camera/barcode scanning.

Stack: Flutter, React Native, FlutterFlow, Codemagic, GitHub Actions, BLoC, Redux

Hello Iconic — Mobile Developer

Jun 2021 – Aug 2024

- Developed core features for a production Flutter investment application using BLoC, including beneficiary management flows and payment gateway optimizations.
- Contributed to the integration of fraud detection capabilities within the payment flow to improve transaction security.
- Built and maintained the app's design system: reusable Flutter UI components, translating Figma designs into production-ready interfaces.

- Contributed to an internal React Native whitelabel platform, building modular features reusable across multiple fintech products.
- Integrated Firebase services (Auth, Firestore, Remote Config, Analytics, Crashlytics), using Crashlytics/Analytics to resolve stability issues — improving App Store rating from 3.3 to 4.3 and Google Play rating from 3.5 to 4.5.
- Managed manual Android and iOS builds and store releases.

Stack: Flutter, React Native, Firebase, BLoC, DDD, Clean Architecture, Figma

Freelance (Canal 51) — *Flutter Developer*

Jan 2021 – Apr 2021

- Implemented QR code scanning and API-driven list views in Flutter.
- Integrated Firebase Authentication for secure user login and registration.
- Built live video playback functionality for real-time streaming content.

Stack: Flutter, Firebase, PostgreSQL

PERSONAL PROJECTS

Hay Vara? – Expense Tracker *(Beta)*

Offline-first expense tracker for iOS, Android, and Web from a single Flutter codebase, built with Clean Architecture. Co-founded as a production side project.

Stack: Flutter, Dart Frog, Render, Firebase Auth, go_router

QR Membership Mobile Client *(Beta)*

Flutter client for QR-based membership validation with role-based flows for clients and employees. Planned Dart Frog backend to generate and validate time-based QR codes.

Stack: Flutter, Firebase Auth, Dart Frog (planned)

EDUCATION

- Universidad Tecnológica Centroamericana (UNITEC), Honduras — *BS, Computer Science*
- Universidad Internacional de la Rioja (UNIR) — *MS, Software Engineering (in progress)*