Manuel Alvarez

Senior iOS Engineer

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SUMMARY

Senior iOS engineer with 9+ years in Swift, currently on the Venmo app at PayPal. I build features end to end with SwiftUI, Swift 6 strict concurrency and Swift Testing, and I work with coding agents driven by written specs, reviewing every diff. Open to remote roles, contract or full-time.

EXPERIENCE

PayPal · Senior iOS Engineer (Venmo) — Mar 2024 – present · Remote

- Led the end-to-end evolution of the account linking experience: first-time user flow, state persistence, per-experiment analytics and in-app feedback, covered by 106 Swift Testing files.
- Built converged payment routing for checkout, with richer approval responses and funding selection preserved through shipping callbacks.
- Made tests part of every change: in a 3-month window, 58 of my 68 PRs touched test suites, across 65 unique Swift test files.
- Hardened GraphQL (Apollo) contracts, payment methods, remote messaging and data mappings.
- Raised a module's test coverage to 86%.

SmartJob · iOS Developer — Feb 2022 – Mar 2024

- Shipped features for Falabella's retail apps in Colombia, Peru and Chile.
- Added example apps to the business pods so features could be built and tested without the full base project.
- Created a VIPER module template.

Kubikware (client: Utility) · Senior Mobile Engineer — Sep 2021 – Feb 2022

- iOS work on ROMWOD, a mobility and recovery workout app, for Utility, a US mobile agency.
- Tracked down memory leaks with Instruments and fixed data races, years before Swift 6 strict concurrency could catch them at compile time.

PedidosYa · iOS Engineer — Jun 2021 – Sep 2021

- Split code out of the monolith into modules with pods and gems.
- Raised a module's test coverage from 56% to 80.6%.
- Cut feature-flag usage for A/B testing by 26%.

Lipo (Miami) · iOS Engineer — Feb 2020 – Jun 2021

- Ridesharing startup growing users 20% at the time.
- Refactored legacy code into a crash-free app.
- Halved the app size by migrating to MVVM.
- Cut development time by 40% with an MVVM template that reduced merge conflicts.

Earlier · 2018 – 2021 · Quarks Alchemist, Appstract, GIE Group: MVPs, an iBeacon equipment tracker on Azure, and cross-platform work.

PROJECTS

- **Glyco** (in development) · Companion app for people with type 1 diabetes, iPhone and Apple Watch. SwiftUI, WidgetKit, App Intents, Foundation Models, HealthKit + SwiftData on device.
- **AquaNav** · Dive computer for Apple Watch Ultra, with an iOS companion app and a sync backend.
- **Swift Agentic Engineering Kit** · My Claude Code plugin for Apple projects: 6 agents, 8 skills and 7 safety hooks.

SKILLS

Apple: Swift, SwiftUI, UIKit, Objective-C, watchOS, WidgetKit, App Intents, SwiftData, HealthKit
Quality: Swift 6 strict concurrency, Swift Testing, Instruments, A/B testing and feature flags
Architecture: MVVM, VIPER, modularization with Swift Package Manager and CocoaPods
APIs and backend: GraphQL (Apollo), REST, NestJS, Vapor
CI/CD: Bitrise, fastlane
AI: Foundation Models, Private Cloud Compute, OpenAI API integrations, Claude Code, Codex

EDUCATION AND TRAINING

- Public Accountant, University of Buenos Aires (UBA), 2013
- Information Systems degree, University of Buenos Aires (UBA), 80% of coursework completed
- Swift Agentic Engineering Program, Apple Coding Academy, 60 hours, June 2026

LANGUAGES

English: professional working proficiency, used daily at work · Spanish: native