Aaron Huánuco

Senior iOS / Mobile Engineer

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Native app engineer with experience in encrypted privacy products, mobile banking and international consumer apps. I connect hands-on software architecture with product delivery, and build independent mobile, web and AI-enabled tools.

SELECTED EXPERIENCE

Native iOS engineering

Built and evolved privacy-focused cloud-storage and calendar apps, mobile-banking apps and a localized consumer app. Worked on modular architecture, offline caching, networking, feature flags, automated tests, CI/CD and App Store releases. Mentored junior developers and contributed to shared iOS standards.

Technical product ownership

Took on interim Product Owner duties when needed. Translated epics into user stories and acceptance criteria; coordinated scoping, estimation, QA and release planning. Facilitated Scrum ceremonies and worked with design, backend, marketing and support.

Independent development | since 2025

Develop mobile, desktop and full-stack products from idea and architecture through implementation and deployment. Integrate LLM APIs, MCP and AI-assisted development while applying Clean Architecture and test-driven practices.

SELECTED PROJECTS

Mobile utilities. Public-transport departures with Home and Lock Screen widgets; an offline-first training app using SwiftUI and SwiftData.

macOS dictation. Speech-to-text using Whisper or Apple speech recognition, with LLM-assisted text cleanup.

Web and AI tools. A multi-user resume builder with authentication, PDF generation and AI features; Flutter/Supabase applications and MCP integrations.

EDUCATION

MAS ETH in Management, Technology, and Economics | ETH Zurich | 2023 - 2026

Awarded March 2026. 60 ECTS; thesis grade 6.00/6.00. Strategy, innovation, leadership, economics, digital transformation and business applications of AI.

Master in Industrial Engineering | Universitat Politècnica de Catalunya | 2015 - 2017

Bachelor in Chemical Engineering | Universitat Politècnica de Catalunya | 2011 - 2015

Mobile App Development bootcamp | Barcelona Activa | 2017

TECHNICAL SKILLS

Native: Swift, SwiftUI, UIKit, Combine, async/await, Core Data, SwiftData, WidgetKit.

Architecture & delivery: Clean Architecture, MVVM, modularity, dependency injection, unit/UI testing, Fastlane, CI/CD, feature flags and phased rollouts.

Web & AI: TypeScript, React, Next.js, PostgreSQL, Drizzle ORM, Supabase, Docker, LLM APIs, MCP, Vercel AI SDK and Python.

LANGUAGES

Spanish: native | Catalan: C2 | English: C2 (Cambridge CPE) | German: B1 (B2 preparation) | French: B1/B2