

Wei Fu

Mobile / iOS Software Engineer — SwiftUI · AI/API Integrations · App Store Shipping

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SUMMARY

Mobile/iOS software engineer (UMass Amherst dual B.S., Computer Science + Managerial Economics) who designs, ships, and maintains a public 17-app iOS/AI portfolio on the App Store. Strong in SwiftUI, SwiftData, XCTest/XCUITest, App Store releases, debugging, and AI/API integration — OpenAI, Whisper, Claude, and Gemini behind Node.js serverless proxies (Vercel).

EXPERIENCE

WeiProduct — Founder / Mobile & iOS Software Engineer Jul 2025 – Present

San Francisco Bay Area, CA

- Built, shipped, and maintain a public 17-app iOS/AI portfolio across calendar, habits, notes, voice, weather, finance, learning, wellness, and utility workflows — **all 17 first releases reached the App Store within four weeks** (Jul 9 – Aug 6, 2025), with **15 apps iterated beyond v1.0** since.
- Owned end-to-end mobile execution: SwiftUI implementation, SwiftData local persistence, onboarding, permissions/privacy, App Store submission and review resolution, and release iteration — automated through the App Store Connect API.
- Designed a hardened serverless AI-gateway pattern reused across the portfolio: per-app Vercel proxies with origin and model allow-lists and server-side key management.
- Integrated OpenAI, Whisper, Claude, and Gemini APIs into phone-native workflows for scheduling, transcription, summarization, and coaching — AI drafts are edited and approved by the user before saving.
- Standardized reusable SwiftUI patterns (onboarding, settings, loading/error states, AI review flows) and automated XCTest/XCUITest suites in multiple apps.

SELECTED MOBILE PROJECTS

AI Calendar — SwiftUI, OpenAI API, App Store Connect 2025

- Built a natural-language scheduling workflow converting user intent into structured, editable plans — with ambiguity handling for missing dates and unclear intent, input validation, loading/error handling, and inspectable AI output to reduce first-use friction.

AI Note / AI Voice Notes — SwiftUI, Node.js, OpenAI/Whisper APIs 2025

- Built note and voice-capture workflows with hardened backend endpoints for transcription and summarization; debugged audio/API configuration, model-response failures, latency, and output-format issues.

WeiRabits (Habits) — SwiftUI, SwiftData, App Store release iteration 2025 – 2026

- Developed a habit tracker with recurring progress states, reusable UI components, iPad layout refinements, local persistence, and multiple App Store release iterations (currently v1.2).

Software Engineering Team Project — React Native, Expo, JavaScript 2024

- Collaborated in a sprint-based mobile engineering team; contributed frontend features, release testing, bug triage, and mobile/browser behavior fixes while translating changing requirements into testable UI updates.

Additional portfolio: Piggy Accounting, AI Weather, AI Pomodoro Timer, Food Calories, Meditation, and more — all 17 apps with App Store links at weifuandy.com.

TECHNICAL SKILLS

LANGUAGES: Swift, Python, JavaScript/TypeScript, Java, C++, SQL

IOS / MOBILE: SwiftUI, UIKit, SwiftData, Xcode, XCTest/XCUITest (unit & UI test automation), App Store Connect + ASC API release automation, iOS lifecycle, local persistence, async APIs, permissions & privacy

BACKEND / AI: Node.js, serverless (Vercel), REST APIs, HTTP/JSON, Firebase, OpenAI API, Whisper API, Claude API, Gemini API, prompt & agent design

CS / PRODUCT: Data structures & algorithms, OOD, debugging, Git, OS, networks, databases, consumer UX, bilingual (English/Chinese) product i18n

EDUCATION

University of Massachusetts Amherst May 2025

B.S. Computer Science; B.S. Managerial Economics — GPA 3.63/4.00 · Amherst, MA

- Dean's List honors: 5 semesters; 4-year merit-based scholarship.
- Selected coursework (A/A-): Artificial Intelligence, Machine Learning, Operating Systems, Computer Networks, Software Entrepreneurship, Data Management, Money & Banking, Managerial Economics.