

Wei Fu

Software Engineer — Full-Stack & iOS · Python · JavaScript/TypeScript · Node.js REST APIs · CI/CD Automation
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SUMMARY

Product-minded full-stack/iOS software engineer with B.S. degrees in Computer Science and Managerial Economics from UMass Amherst and a portfolio of 18 consumer iOS and AI apps in active iteration — 17 released on the App Store and an 18th in review alongside a live web app. Strong in Node.js/Vercel serverless REST APIs, JavaScript/TypeScript, Python, CI/CD and release automation, production debugging, XCTest/XCUITest, and Swift/SwiftUI, owning products end to end from design through production.

EXPERIENCE

WeiProduct — Founder & Full-Stack/iOS Software Engineer

August 2025 – Present

San Mateo, CA

- Built and now maintain 18 consumer-facing iOS and AI apps across productivity, finance, learning, and wellness; shipped 17 to the App Store and submitted the 18th for review, with all 18 in active iteration.
- Designed and operate a reusable Node.js/Vercel serverless API gateway as shared production infrastructure — per-app proxies, origin and model allowlists, server-side key management — with REST and streaming integrations across OpenAI, Whisper, Claude, and Gemini.
- Owned end-to-end delivery: product and UX decisions, SwiftUI implementation, SwiftData persistence, permissions and privacy controls, XCTest/XCUITest coverage, App Store review, and automated release workflows through the App Store Connect API.
- Diagnosed audio-configuration, API-latency, model-response, output-format, lifecycle, and iPhone/iPad layout failures across live products; added shared error handling and test coverage to prevent regressions.
- Standardized reusable SwiftUI components and human-reviewed AI workflows across the portfolio; now building a cross-app agentic system on shared infrastructure to streamline development and release workflows.

SELECTED PROJECTS

ilink — Full-Stack Web App + iOS, SwiftUI, Agentic Workflows 2026

- Built the 18th specialized agent, now in App Store review, plus a live responsive web app with voice capture, AI-assisted summaries, private account sync, family-sharing flows, and mobile-first interactions.

AI Platform — SwiftUI, OpenAI/Gemini APIs, Streaming Responses 2025

- Shipped a multi-model chat app with model switching, reusable prompt templates, streamed responses, conversation grouping/search/export, and local data protection.

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, latency, model-response, and output-format failures.

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

- Built a natural-language scheduling workflow that turns user intent into structured, editable plans with ambiguity handling, validation, loading/error states, and inspectable AI output.

WeiRabbits (Habits) — SwiftUI, SwiftData, App Store Release Engineering 2025 – 2026

- Developed 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 team; translated changing requirements into testable frontend updates and contributed release testing, bug triage, and mobile/browser fixes.

Additional apps: Piggy Accounting, AI Weather, AI Pomodoro Timer, Food Calories, and Meditation. Full portfolio: weifuandy.com.

TECHNICAL SKILLS

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

BACKEND / WEB / AI: Node.js, Vercel serverless, REST/streaming APIs, authentication & private sync, server-side key management, CI/CD & release automation (App Store Connect API), OpenAI, Claude, Gemini, multi-model & agentic workflows

iOS / MOBILE: SwiftUI, UIKit, SwiftData, Xcode, XCTest/XCUITest, React Native/Expo, async APIs, local persistence, permissions & privacy

CS / TOOLS: Data structures & algorithms, OOD, Git, debugging, operating systems, networks, databases, responsive web design, reusable design systems, consumer UX, product prototyping, English/Chinese localization

EDUCATION

University of Massachusetts Amherst

May 2025

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

- Dean's List (5 semesters); 4-year merit-based scholarship.
- Relevant coursework (A/A-): AI, Machine Learning, Data Structures, Operating Systems, Computer Networks, Data Management, Software Entrepreneurship.