

Milad Farazian

Software Engineer — Full-Stack & AI

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SUMMARY

Full-stack software engineer with AI depth: built Parkzy, a live peer-to-peer parking marketplace (App Store, 5.0★, 1,000+ downloads), end to end as sole engineer — payments, AWS infrastructure, production LLM features. Ex-Walmart SWE II; USC M.S. in Computer Science (AI).

EXPERIENCE

Parkzy — Co-founder & CTO

Sep 2025 – Present

Los Angeles, CA

- Built Parkzy from zero to a live App Store product (5.0★, 1,000+ downloads) as sole engineer — React 18/TypeScript/Supabase across web and iOS via Capacitor (Android build complete), 392 SQL migrations, 163 serverless edge functions, 3,600+ commits in 10 months
- Designed the core real-time 'ping' matching system — one tap alerts every nearby host, built for sub-60-second accepts — with Mapbox GL geospatial search, dynamic pricing, and Stripe Connect + Stripe Identity payments and ID verification
- Maintained production quality solo: Playwright E2E, Vitest, and Deno test suites in CI, Sentry error tracking, and PostHog product analytics

StudyBuddy — Co-founder & CTO

Dec 2024 – Aug 2025

Los Angeles, CA

- Led a 5-person team building a tutoring platform for USC students with scheduling and user profiles (React/TypeScript + Supabase/Postgres)
- Shipped the platform end to end — 394 TypeScript source files, 86 SQL migrations, and 39 serverless edge functions

Walmart — Software Engineer II (Full-Stack)

Feb 2022 – May 2023

Sunnyvale, CA

- Built 10+ features for Converse Self Serve, tooling for Walmart's Dialogflow-based conversational-AI platform behind 66M+ AI-assisted customer contacts, alongside the NLP team
- Integrated push notification API into Last Mile Delivery servers — 4,700 stores reaching 90% of the US — on a 4-person US-India team
- Migrated 32 config features and 50+ testing tools from Cortex to Botmock, Walmart's newly acquired Self Serve platform

Walmart — Software Engineer Intern

Jun 2021 – Aug 2021

Sunnyvale, CA

- Prototyped a Node.js CLI for Cortex (3 proof-of-concepts); built a CSAT feedback system that collected 6M+ customer ratings by Mar 2022

PROJECTS

Gosan — native macOS DAW with an AI taste engine

Swift, SwiftUI, AVAudioEngine

- Built a native macOS DAW in ~10 days (~11,300 LOC) — multitrack recording, waveform editing, full mixer, WAV export

Mehdi — personal financial-intelligence assistant

TypeScript, Next.js, Supabase, Plaid, LLM APIs

- Built a Plaid-linked assistant: a deterministic engine computes every number; the LLM explains only code-verified facts

Lincoln — swipe-based job-search app

github.com/miladfarazian/Lincoln

Python, FastAPI, scikit-learn, Next.js, Docker

- Built a FastAPI + scikit-learn recommender (TF-IDF + logistic regression) retraining every 20 swipes, plus Anthropic-API resume tailoring

EDUCATION

University of Southern California — M.S. Computer Science — Artificial Intelligence

Aug 2023 – May 2025

Los Angeles, CA

- Coursework: Applied Natural Language Processing, Fundamentals of Artificial Intelligence*
- Expat Society · Persian Student Organization*

University of California, Santa Cruz — B.S. Computer Science, Minor in Economics

Sep 2018 – Dec 2021

Santa Cruz, CA

- GPA 3.74 · Coursework: Data Structures & Algorithms (C/Java), Artificial Intelligence (Python/SQL)*
- CruzHacks awards: Secret Prize 2021 — Wildest Idea (Canvas Year in Review) · Best Use of Google Cloud Platform*
- Solution Challenge Coordinator for Google's Developer Student Club · Iranian Student Union*

SKILLS

Languages & Frameworks: TypeScript, JavaScript, Python, React, Node.js, Next.js, Swift/SwiftUI, Capacitor (iOS/Android), React Native (Expo)

AI/ML: LLM APIs (Anthropic, OpenAI), Vector embeddings / semantic search (pgvector), PyTorch, Hugging Face, scikit-learn

Infrastructure & Data: PostgreSQL/Supabase, AWS (RDS, Lambda, API Gateway), Terraform, Docker, GitHub Actions CI, Stripe Connect + Identity