

BABAK MILANI

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SUMMARY

Full-stack software engineer who ships production SaaS end-to-end. Founder-operator of four live products serving real users and processing live payments. Strong across React, React Native, Node.js, and Python/FastAPI, with practical experience integrating LLMs, payment systems, and cloud infrastructure on AWS, GCP, and Cloudflare. Background in application security and independent vulnerability research.

EXPERIENCE

Founder & Full-Stack Engineer, Milani Labs

2023 – Present

Solo-built and operate four production SaaS products plus custom client builds — serving real users and processing live payments

Alimi.ai — AI-Powered Website Generation Platform (live, paying customers)

- Built a production pipeline that uses the Claude API to generate complete React + Vite codebases tailored to three package tiers (landing pages, multi-page sites, e-commerce stores).
- Engineered an automated deployment pipeline: Stripe payment → AI code generation → GitHub repo creation → GitHub Pages deployment → Cloudflare DNS configuration, with Playwright browser automation for domain registrar operations.

Mamnoon.ai — Cross-Platform Video Calling with Real-Time Translation (iOS App Store + Google Play)

- Built a production React Native app with WebRTC P2P video calling, custom signaling, and a FastAPI/Python REST API handling authentication, session orchestration, and Stripe subscription lifecycle.
- Integrated Azure Cognitive Services for speech-to-text, real-time translation, and text-to-speech across 50+ languages.

Centrix.Email & CSV Cleaner — Serverless SaaS (AWS Lambda / Cloudflare Workers)

- Shipped a pay-per-send email platform on AWS Lambda + DynamoDB and a privacy-first, client-side CSV cleaning tool on Cloudflare Workers; both with Stripe billing and security hardening (input validation, formula-injection prevention, rate limiting).

Client Work — E-Commerce Migrations — React, Cloudflare (Pages/D1/R2), Google Apps Script

- Migrated two e-commerce businesses — a San Francisco art gallery and a Copenhagen florist — off Shopify onto custom-owned infrastructure, eliminating \$2,400+/year in platform fees per client while giving them full code and data ownership.

Freelance Security Researcher, Bugcrowd

Jan 2024 – Oct 2024

- Performed independent security testing on client web applications against OWASP Top 10 and platform-specific threat models; documented findings in structured technical reports with severity ratings, reproduction steps, and remediation guidance.

TECHNICAL SKILLS

- **Languages & Frameworks:** JavaScript/TypeScript, Python, HTML/CSS, SQL; React, React Native, Node.js/Express, Python/FastAPI, Tailwind CSS, Vite
- **APIs & Real-Time:** RESTful APIs, GraphQL fundamentals, WebSockets, WebRTC, Stripe, Claude API, Azure Cognitive Services, GitHub API
- **Cloud, Infrastructure & Databases:** AWS (Lambda, DynamoDB, S3, Cognito, API Gateway, SES), GCP, Firebase/Firestore, Cloudflare (Workers, Pages, DNS, D1, R2), Railway, PostgreSQL, Supabase
- **Mobile & DevOps:** iOS/Xcode, Android Studio, App Store + Google Play release lifecycle, Git, CI/CD, Docker, PM2, Playwright

EDUCATION

B.S. Computer Science, San Francisco State University (Minor: Information Systems)

2023

A.S. Application Security, Merritt College

2023