Joshua Miller

AI-Native Product Engineer

San Francisco Bay Area (Remote preferred, open to relocation)

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SUMMARY

I take products from idea to production and keep them running. I direct AI agents, review their work, and own the result. I built LezFindr on my own, a community and dating app for queer women on iOS and Android with 8,000+ signups (as of Nov 2026), from the Flutter app down to the database. Self-taught. I started around 2009, building affiliate marketing apps by hand in Java and Eclipse. In 2023 I taught myself Flutter, Dart, PostGIS, and Cloudflare to rebuild LezFindr from scratch.

EXPERIENCE

Founder & Product Engineer, Utopian Creations LLC | 2023 - Present | San Francisco Bay Area

My own software company. I build and run production apps for my own products and for clients.

- Built LezFindr on my own: Flutter app, Cloudflare Workers + Hono API, Durable Objects for real-time chat, Neon Postgres with PostGIS for location search, and R2 for media. A community and dating app for queer women, with 8,000+ signups (as of Nov 2026) on iOS and Android.
- Moved 2,500+ LezFindr profiles from Firebase Firestore to Neon Postgres (a 15-table schema, now 75+), with the plan written up in a 90KB migration runbook.
- Built a two-stage photo moderation pipeline: TensorFlow Lite on the phone, then models on Helios, my own GPU server, instead of a third-party vision API, which I switched off after a 6,053-photo comparison. Anything flagged goes to an admin review queue.
- Hollerpost (hollerpost.com): communications for small businesses in one app. Email marketing in soft launch, priced by sends instead of contacts. Text marketing nearly ready; AI receptionist and voice services coming. Stripe billing, sending from each customer's own domain, and an MCP server so customers can work through AI agents. US only for now.
- When a member reported that every profile she saw was in Africa, I had Claude trace it through the API logs and shipped a server-side fix in under an hour, with no app update.
- Made the money flows work end to end on Neesh, a B2B magazine marketplace that started as a Lovable prototype: Stripe Checkout with a 10% platform fee, Stripe Connect payouts, a webhook-driven order and transfer ledger, and fulfillment tracking. Shipped 15 pull requests, including the alpha launch.
- Built client sites for Ravenscroft Design (jewelry portfolio with a Firebase CMS) and Moffatt Ranch.
- Run Helios, a self-hosted AI assistant on my own GPU. It answers visitor questions on joshmiller.xyz.

Mission Controller, Zoox | 2025 - Present | San Francisco Bay Area

- Manage a team of 16 vehicle operators running the Highlander test fleet in internal testing geofences: scheduling breaks, troubleshooting vehicles, and monitoring the fleet live.
- Was the Mission Controller on duty for 2 of the 3 releases since I joined.
- Support testing on both physical vehicles and in simulation, including newly mapped areas before they're released to the fleet.
- Review, flag and escalate real-world map changes, and decide whether each one blocks autonomous operations.
- Coordinate teams during incident response across Teleoperations, Fleet Response, Rider Operations and Engineering, diagnosing faults with CLI tools and walking on-site technicians through fixes.
- File detailed bug reports and tooling feedback that engineering follows up on.

Retail Associate Manager, T-Mobile | 2018 - 2023

- Designed a Figma prototype for the prepaid billing system, which T-Mobile implemented nationwide.
- In 2020, on the Sprint to T-Mobile integration team, I led several stores through the switch. Then I went through leadership training and ran the store as an associate manager: about 3 and a half years in leadership in all.

- Top 3 in sales rankings; the store ranked #1 nationwide (July 2019). Built Power BI dashboards for training.

Territory Sales Manager, Mosaic (Google Android Team) | 2022

- Drove a 30% increase in Android product sales across the territory. Designed training that lifted rep performance by 25%.

Operations Manager, Ray Catchers LLC | 2017 - 2018

- Grew the sales team from 2 to 7 in 3 months (400% sales growth). Moved the CRM to HubSpot and cut operating costs 15%.

eCommerce Account Manager, Champion Sport Co | 2013 - 2017

- Taught myself OpenCart and built the company's first online store. Before I joined, the owner had never sold more than about 40 cues a month. After, she was regularly selling 110 to 150, across the store, Amazon, and eBay.

Office Manager & IT Lead, Robert C. Miller, D.D.S. | 2004 - 2014

- Led the move from DOS to Windows Server with Active Directory. Set up digital X-ray (25% more capacity). Cut accounts receivable from $250k to $70k in year one.

SKILLS

Languages: TypeScript, JavaScript, Dart, SQL, Python

Frontend: React, Next.js, Vite, Tailwind CSS, shadcn/ui

Mobile: Flutter, React Native / Expo

Backend and infrastructure: Cloudflare Workers (Hono), Durable Objects, R2, KV, Node.js, Supabase, Firebase, Docker

Data: PostgreSQL (Neon), PostGIS, Firestore, SQLite

AI: Self-hosted LLMs (llama.cpp) and vision models on Helios (NSFW classifier, InsightFace, Qwen3-VL), TensorFlow Lite, Claude and Gemini APIs

CERTIFICATIONS

CompTIA A+ (220-1101) | Sep 2024

Google IT Support Professional Certificate | Aug 2024