

N. Paotie Dawson

Full-Stack Developer · AI Application Engineer

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ABOUT

I build things that ship. Over the past 18 months I've gone from zero professional dev experience to founding Springs AI Solutions — a Colorado Springs company with multiple live products: a civic RAG app with real subscribers, a mobile accessibility app on Google Play, and an internal AI crew of 6 specialized agents that handles research, writing, and development tasks autonomously. My stack is TypeScript/Next.js on the frontend, Python/FastAPI on the backend, Supabase for data, and Claude + Pinecone for AI. I have an MBA in Information Technologies and 15+ years of community platform management at scale. I'm looking for a remote full-stack or AI engineer role where I can build real products with a team that moves fast.

TECH STACK

Languages: TypeScript · Python · JavaScript · SQL · Bash

Frontend: React · Next.js 14 · Tailwind CSS · Radix UI · React Hook Form · Zod · Recharts

Mobile: React Native · Expo · Capacitor (iOS/Android)

Backend: FastAPI · Next.js API Routes · Node.js · REST APIs · Redis

Data: PostgreSQL · Supabase (Auth · RLS · Storage) · Pinecone

AI/ML: Claude API · RAG pipelines · multi-agent orchestration · prompt engineering · LLM integration

Infra: Docker · Cloudflare · Vercel · EAS · GitHub · CI/CD

Payments: Stripe · Supabase Auth · OAuth 2.0

Testing: Playwright · Vitest · React Testing Library

PROJECTS

Springs AI Solutions — springsaisolutions.com

Founder & Lead Developer | Jan 2025 – Present

Founded and built the company website end-to-end — from architecture to production deployment.

- Next.js 14, TypeScript, Tailwind CSS, Supabase (PostgreSQL, RLS, Auth, Storage), Vercel
- Lead capture dashboard, blog CMS with admin portal, subscriber management, Recharts analytics
- Production hardening: CSP, HSTS, Cloudflare WAF, rate limiting, honeypot on contact form
- Full SEO implementation: JSON-LD schema, sitemap, canonical tags, Google Search Console

COS-GPT — ask.springsaisolutions.com

Lead Developer | Jan 2026 – Present

Live civic RAG app — Colorado Springs residents can query city documents in plain English.

- Python, FastAPI, Pinecone vector database, Claude API (Anthropic), Redis, Docker, Supabase Auth
- Freemium SaaS with Stripe billing — free / starter / pro subscription tiers, live paying users
- Containerized with Docker; zero-downtime production deploys

VoxGram — [Google Play Store](https://play.google.com/store/apps/details?id=com.voxgram)

Lead Developer | Jan 2025 – Present

Cross-platform mobile app providing voicemail transcription and captioning for deaf/HoH users.

- React, TypeScript, Vite, Capacitor (iOS/Android), Supabase, Radix UI, React Hook Form, Zod
- Published to Google Play Store; Playwright E2E + Vitest unit tests
- Freemium model: Free / Pro (\$7.99/mo) / Business (\$19.99/user/mo)

InclineTrac

Lead Developer | Apr 2026 – Present

React Native/Expo hiking app for the Manitou Incline.

- Real-time GPS tracking, Turf.js trail geofencing, weather integration, Supabase sponsor backend
- Local-first architecture — minimal API surface, reliable offline operation

Hermes / OpenClaw Agent Crew — github.com/spaisllc

AI Systems Developer | Jul 2025 – Present

Built and operate a 6-agent AI orchestration system that handles research, writing, and dev tasks.

- Multi-agent supervisor/worker pattern: Coordinator, Builder, Researcher, Emma, Code-Reviewer, Webmaster
- Claude (Anthropic), xAI/Grok, OpenRouter — custom proxy, per-profile OAuth, model cost routing
- Firecrawl web research pipelines, cron automation, Paperclip company OS for ticket + delegation management

PRIOR EXPERIENCE

[I Love Manitou Springs](#) — Social Media Manager

Manitou Springs, CO | Apr 2008 – Present

- Founded and scaled platform to 16,000+ active members — primary emergency comms hub during 2012 Waldo Canyon Fire
- Data-driven paid ad campaigns on Facebook and Twitter; metric analysis to optimize engagement and ROI

[SunWater Spa](#) — Social Media Marketing Manager

Manitou Springs, CO | Sep 2014 – Apr 2017

- Drove sold-out events and consistently booked services through content strategy and paid campaigns

[The Maverick Observer](#) — Freelance Journalist

Colorado Springs, CO | May 2020 – Sep 2022

- Political and economics reporting; articles drove significant readership via organic social distribution

EDUCATION

MBA — Information Technologies · University of Phoenix

BS — Criminal Justice · New Mexico State University