Jason Sutter

Forward Deployed / Full-Stack Engineer

Sacramento, CA · Open to SF Bay, Austin, Boston, or Remote
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Full-stack engineer with 7+ years building production web apps in Angular, React, and TypeScript, much of it for clients with loose requirements and real deadlines. I use AI coding agents daily and know how to get production-quality code out of them; that is how I built a course authoring platform with 2,000+ tests largely on my own. I also do independent security research (accepted Twilio bug bounty) and build AI systems from scratch: agents, RAG, evals, and fine-tuning. Former 3D technical director, so I care about design as much as code.

Skills: AI coding agents (Claude Code) · LLM/RAG apps · Evals · TypeScript · JavaScript · Python · Angular · React · Node.js · Vite · Tauri · Hugo · Flutter · Docker · SCORM/xAPI · Design systems · Testing (Vitest/Jest) · CI · Performance · Accessibility · Application security / pen-testing

EXPERIENCE

GROW — Web Developer → Frontend Developer

Auburn, CA · Oct 2019 – Oct 2026

- **Designed and built Lectern** largely on my own, a white-label course authoring tool similar to Articulate Storyline: TypeScript Turbo monorepo, React + Vite editor, a course player engine, SCORM 1.2/2004, xAPI, and PDF/HTML export, plus a Tauri 2 desktop app. **2,000+ tests** across packages.
- Used AI coding agents (Claude Code, multi-agent workflows) for most of the build, with my own code review, tests, and CI checks keeping the output production quality.
- Ran my own security audits on it: **110 audit reports, 663 findings, 661 fixed**, each with a severity, exact code location, repro steps, and a patch backed by CI checks.
- Angular developer on **Mandated Reporter Training**, a live, state-approved compliance-training LMS serving **5,000+ organizations** nationwide, with multilingual courses and QR-authenticated certificates. Also built an offline retrieval assistant over its training content (35 documents, 2,342 cited fact chunks) that answers in the browser and declines when nothing matches.
- Built **50+ client websites** and led the **DNN → Hugo migration**: brought in real source control, made builds much faster, and set up a shared design system that raised the quality of client sites.

Independent Security Researcher

Sacramento, CA · Jan 2026 – Present

- Vulnerability research and responsible disclosure via HackerOne (**mrblackkeys**): source-level code review with reproducible, unit-tested proofs of concept.
- **First accepted finding in Twilio's bug bounty program**, triaged and rewarded.

Earlier — Freelance & Frontend Roles

Greater Sacramento / SF Bay · 2016 – 2019

- Built full-stack web apps for startups and small businesses, working directly with owners from scoping to launch: React/Angular frontends, Node.js backends, Hugo static sites, and deployment automation. Earlier frontend roles at InfoStar and a Bay Area startup.

SELECTED AI PROJECTS

- **Werbos**: a local AI assistant I built from scratch (2,100+ commits): agent loop with tool calling, RAG, memory, an eval harness, and LoRA fine-tuning. Runs entirely on open-weight models, with no hosted LLM calls.
- **Murmur and Hablo**: voice AI apps in Rust. Push-to-talk dictation and an offline Spanish tutor running Qwen 3B via llama.cpp with streamed speech.
- **WRITEpad**: a Mac and Windows script-writing app (Tauri 2, Rust) with A/B drafts, local narration and dictation, and an MCP server so AI agents can edit manuscripts.
- **Unfold**: an LLM pipeline engine with YAML recipes and resumable, editable runs. CLI, library, and HTTP API.
- **Tallybook**: a live bookkeeping app (Rust, React, Tauri) with bank sync, smart categorization, and tax prep.

EDUCATION

Dev Bootcamp, Computer Programming (2016)

Academy of Art University, B.F.A. in Rigging & Animation (2012)