

# Aydan Salois

Software Engineer | Full Stack and AI Systems

Spokane Valley, WA | open to remote roles and relocation to San Francisco

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Self-taught software engineer who learned to code on Amazon's warehouse floor. I now lead the technical development of Shmidge, a live AI project management product used by teams outside Auptim. I work across product features and the systems underneath them: architecture, data, agent workflows, payments, security, and testing. I use coding agents without handing off design, review, or verification.

## EXPERIENCE

### Auptim | Founding Software Engineer

Oct 2025 - Present · Remote

Lead technical development of Shmidge and built two additional products at earlier stages:

- ▶ **Shmidge** ([shmidge.ai](https://shmidge.ai)). Live AI project management product used by teams outside the company. Inherited an expansive AI-generated prototype with broken core workflows and serious authorization gaps. Documented the highest risk failures, aligned the team on priorities, rebuilt the generation engine as a validated tool-driven agent loop, closed IDOR and permission gaps, and established regression coverage.
- ▶ **BarnPulse**. Private prelaunch testing. Built horse tracking, incident reporting, and subscription workflows on a multi-tenant Vue, Express, Prisma, and Postgres system. The product remains incomplete and is not ready for public use.
- ▶ **On Main**. Working prototype that has never launched. Architected and built the multi-tenant marketplace solo, including row-level security, more than 100 migrations, Stripe Connect, and LangChain/OpenAI workflows.

### Freelance Web Developer

Ongoing · Remote

Custom client sites across law, real estate, and counseling: [poormanlegal.com](https://poormanlegal.com), [cameraworks.media](https://cameraworks.media), [counseling2thrive.com](https://counseling2thrive.com). Active clients today.

### The Production House | Technical Lead

2024 - Present · Part time · Remote

- Engineer on a two-person studio. Conceived and built **Synth Runner** while the studio's founder shaped its direction. Owned the technical execution across physics, accounts, leaderboards, and a build pipeline targeting web, desktop, and Android from one codebase.

### Amazon | Operations and Internal Tooling

2021 - 2025 · Spokane Valley, WA

Assistant operations manager. Taught myself Python on the job and iterated four self-initiated tools with the floor teams using them.

- **Juicy Bin**. Named exact bins with available space when the official system only returned broad aisle ranges. Iterated on stower feedback until the tool changed how the facility worked. It is still in use, and its algorithm was adopted into a guided stow scanner used nationwide.
- **Jammer Time**. Processed a year of sortation data in about one minute, separated real jams from downtime hidden under one error code, and quantified their cost. A separate dashboard I built now runs across roughly **70 US facilities**.

## OPEN SOURCE & PROJECTS

**scip-query** | open-source repository intelligence for AI coding agents · TypeScript · [github.com/PlunderStruck/scip-query](https://github.com/PlunderStruck/scip-query)

- Creator and maintainer of a public CLI that turns SCIP indexes, git history, and language analysis into agent commands for blast radius, duplication, migrations, and diff gates.

**Local LLM systems and quantization** | Hugging Face: [plunderstruck](https://huggingface.co/plunderstruck) (10 models) · contributor to ROCmFPX

- Publish self-speculative MTP quants in ROCmFP4 4-bit for AMD Strix Halo. Ten models have roughly **60,000 total downloads**. Contributed TurboQuant KV cache quantization and Vulkan matvec decode work to ROCmFPX for llama.cpp.

## SKILLS

**Languages:** TypeScript, JavaScript, Python, SQL, HTML/CSS

**Frontend:** React, Vue 3, Three.js, Tailwind, Radix UI, framer-motion

**Backend:** Node / Express, Postgres, Prisma, Drizzle ORM, Supabase, Redis, Stripe, Cloudflare Workers

**AI / ML:** Anthropic / OpenAI / OpenRouter SDKs, LangChain, agent tooling & orchestration, MCP, tool-use / JSON-schema, RAG, local LLMs, GGUF quantization, MTP, SCIP static analysis

**Cross-platform / Infra:** Electron, Capacitor, Docker, AWS / Render, CI, pnpm monorepos, SQLite