

SUMMARY

Full-stack generalist who builds new things and fixes old things. I like puzzles, hard bugs, and going deep. Comfortable across JavaScript, TypeScript, Ruby, PHP, Python, Go, and SQL/NoSQL, with deep recent focus on agent/LLM tooling and infrastructure.

EXPERIENCE

Software Engineer • Insight Designs Web Solutions Feb 2025 – Apr 2026 • Boulder, CO (remote)

Full-stack and infrastructure work for a Boulder-based web design consultancy with 600+ clients across its portfolio.

- Worked directly with clients to scope requirements and ship features and fixes across the agency's portfolio of sites.
- Built a Python tool to automate vulnerability monitoring across 100+ client sites, flagging outdated or compromised dependencies.
- Built a reusable Google Reviews component (Google Places API) that any client site could embed.
- Hardened DigitalOcean infrastructure for 40+ client websites: security updates (Apache, MySQL), SSL provisioning, and monitoring.

stack: Python • JavaScript • PHP • DigitalOcean • MySQL

Workforce • open source 2026

A CLI for dispatching multiple Claude coding agents in parallel, each isolated in its own git worktree with declared path-ownership lanes.

- Designed a manager / specialist / reviewer pattern with runtime enforcement that prevents parallel agents from writing outside their declared file paths.
- Implemented persistent per-specialist memory with cross-project and per-project scopes, auto-captured after each mission via structured model output.
- 600+ tests, published to PyPI, MCP server integration, and GitHub Actions support.

stack: Python • claude-agent-sdk • Typer • Pydantic • asyncio

Tabletop Ledger • open source 2025

A campaign organizer for tabletop RPG game masters: a tree of pages with a WYSIWYG editor, plus an AI chat scoped to whichever page you are on.

- Built a tree-structured page system with an inline WYSIWYG editor, so game masters nest factions, cities, NPCs, and session logs as one navigable hierarchy.
- Built a context-aware chat panel that scopes each answer to the current page, so a question about one NPC pulls from that page rather than the whole campaign.
- Streamed AI responses token-by-token over WebSockets, and ran a beta with real users that measured a 20% lift in satisfaction across the cycle.

stack: Rails • WebSockets • AI APIs • WYSIWYG editor

Open-source contributor • ZenML 2024 • Remote

Built a chatbot feature for the official ZenML VSCode extension.

- Integrated OpenAI and Anthropic Claude APIs for context-aware chat scoped to the user's selected ML pipeline.
- Built the chat UI: dropdowns, interactive controls, per-conversation context selection, and state management.
- Implemented token-by-token message streaming so responses arrive live instead of as a single blocking call.

stack: TypeScript • VSCode Extension API • OpenAI API • Anthropic Claude API

Firefly • open source 2022 – 2023 • 4-person team

Open-source observability framework for AWS Lambda. Serverless function health via metrics and traces.

- Implemented W3C TraceContext propagation across asynchronous Lambda invocations, fixing trace accuracy for cross-function event flows.
- Built a custom OpenTelemetry collector handling up to 500,000 metrics and trace data points per day.
- Built a CLI tool to automate Lambda instrumentation and AWS infrastructure setup, cutting setup time by up to 40 hours.

stack: Node.js • OpenTelemetry • AWS Lambda • Terraform • Docker • Promscale / TimescaleDB • Grafana

SKILLS

LANGUAGES	JavaScript, TypeScript, Ruby, PHP, Python, Go, SQL, Bash
BACKEND & DATA	Node.js / Express, Rails, Sinatra, PostgreSQL, MongoDB, REST
FRONTEND	React, Handlebars, ERB, CSS, Astro
INFRA	Docker, Terraform, AWS (Lambda, Kinesis Firehose, CloudWatch), DigitalOcean, nginx
OBSERVABILITY	OpenTelemetry, Grafana, Prometheus, Promscale / TimescaleDB
AI / AGENTS	Anthropic Claude API, OpenAI API, claude-agent-sdk, prompt design, agent orchestration
PRACTICE	TDD, systems design, mastery-based learning

EDUCATION

Launch School

Multi-year mastery-based program in full-stack web development, with capstone in system design.

2021 – 2023