

Sam Yandow

FULL-STACK DEVELOPER

CONTACT

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SKILLS

AI & LLM Development

- Claude API
- MCP
- Agent Orchestration
- Prompt Engineering
- RAG Pipelines
- pgvector
- Azure OpenAI

Full-Stack

- TypeScript
- Python
- React / Next.js
- React Native / Expo / EAS
- Electron
- Node.js

Infrastructure

- Vercel
- Supabase
- Azure
- GitHub Actions
- Turborepo

Workflow

- Claude Code
- AI Pair Programming
- Stakeholder Collab

EDUCATION

AS: Certificate in Accounting
Ensign College, 2014

Full-stack developer building production applications end-to-end using AI-augmented development. I ship software from problem definition through architecture, implementation, and deployment — spanning web, mobile, and desktop. My work combines hands-on AI development (agents, MCP, RAG, embeddings) with 12 years of business process experience including 4 years in healthcare, giving me both the technical skill to build and the operational empathy to solve real problems.

EXPERIENCE

AI Solutions Developer — Independent 2024 - Present

- Built an AI command center powered by Claude with 30+ agent tools, automated email/document pipelines, and trust-based action execution that learns from user approval patterns
- Designed and shipped a custom MCP server giving Claude Code direct access to task management, session logging, and semantic knowledge base search backed by Supabase
- Developed a privacy-first mobile game app (React Native/Expo) with 559 tests, Zod-validated data pipeline, and COPPA-compliant guest-first architecture — preparing for App Store and Google Play submission
- Built a document Q&A platform on Azure using GPT-4o and RAG architecture with hybrid vector + keyword search — zero to deployed in ~3 hours
- Delivered desktop + web order management system for bakery client — gathered requirements directly, designed architecture, built Electron app with React/TypeScript and SQLite, and provided training
- Built and deployed multi-service platform (sjforge.dev) with SSO, 6 Next.js web apps, and 8 shared packages in a Turborepo monorepo spanning web and mobile
- Published two NPM packages for in-app feedback with screenshot annotation, session recording, and offline queuing across web, Electron, and React Native
- Ship end-to-end as sole developer across 15 production applications — requirements, architecture, implementation, testing, deployment, and stakeholder collaboration

Director, T&E Management — Tower Health (Healthcare), Mar 2024 - Nov 2025 Reading, PA

Expense Manager — Tower Health (Healthcare), Reading, PA Dec 2021 - Mar 2024

- Designed automated workflows, audit rules, and approval processes across four department-specific expense systems serving ~1,000 monthly users
- Led rollout of Concur Budget module with custom reporting that improved cost visibility for leadership
- Managed cross-functional stakeholder relationships to translate business needs into system configurations

Senior T&E Analyst — Booster Enterprises, Alpharetta, GA Jul 2016 - Aug 2020

- Led SAP Concur Professional implementation as certified Superuser; negotiated software contracts saving \$250K+ over three years

AP/AR Analyst — Booster Enterprises, Alpharetta, GA Jul 2015 - Jul 2016

- Built automation processes improving accuracy and efficiency across 2,000+ weekly transactions