

Kasey Swails

Full-Stack Engineer

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Full-stack engineer with 10 years shipping production software - and a rare habit of building and operating entire platforms solo: data model, tenant-safe RBAC, real-time, payments, cloud, and deploy. Google Cloud Professional Cloud Developer (2019). Built four production platforms in daily use by paying customers, spanning healthcare, manufacturing, marketing data, logistics, and CAD. EMT-turned-engineer who learns the business first, then ships the system that replaces the spreadsheets.

CORE COMPETENCIES

Languages & frameworks: TypeScript, JavaScript, React 18/19, Next.js, Node.js, Express, PHP/Laravel, Python, Java

Data & backend: MongoDB/Mongoose, BigQuery, REST, Socket.io, Auth0 (OIDC/M2M), Stripe Connect, QuickBooks API

Cloud & DevOps: Google Cloud (GCP-certified), Cloud Storage, Docker, Vercel, Render, CI gates

Practice: Multi-tenant SaaS, RBAC, real-time systems, test suites (600+), observability, AI/LLM orchestration

SELECTED PROJECTS

OH SCRAP! - Multi-tenant SaaS / Manufacturing ops (In production)

Multi-tenant job-shop platform replacing spreadsheets and paper at a manufacturing customer; estimating, back-scheduling, and a live shop floor used daily.

435 front-end files | 181 back-end modules | 90+ tests | 6 versions shipped

Solved The Problem - Platform engineering / Multi-tenant SaaS (Live, paying customers)

A SaaS factory that launches niche verticals from shared primitives; live at app.solvedtheproblem.com with real revenue via Stripe Connect.

32 modules | 983 TS/TSX files | 216 React components | 5 verticals

Sovereign Command Center - AI infrastructure / Full-stack platform (Proprietary)

Local-first AI development platform: multi-model orchestration on local hardware behind a six-gate code-safety pipeline, with Ed25519 licensing. Sold as a one-time license.

7,889-line API server | 280 routes | 125 modules | 7 subsystems

KAEB Sales System - Business operations platform (In production (~1.5 yrs))

Inventory, delivery, jobs, and timecards for an agricultural-equipment distributor, built on a schema-driven CRUD framework that turns new modules into declarative config.

639 tests, 0 failures | ~1.5 years maintained

EXPERIENCE

Independent - Senior Full-Stack Engineer / Founder

Now

A trusted KAEB client engagement (~1.5 yrs) funds the work and the products: OH SCRAP, Solved The Problem, and Sovereign Command Center. Open to a senior role.

NexGen Solutions - Operations Manager / Dev Lead

Autodesk Gold Partner

Led development and operations: Autodesk Fusion 360 plugins, reporting data flows, and Salesforce admin/development. GCP and enterprise integration.

Winamac Coil & Spring - Software Developer

Indiana

Built shop-floor QA/QC tools and internal quoting systems for a spring factory - the manufacturing-ops DNA that later became OH SCRAP.

Colling Media - Developer

Arizona

Digital + traditional marketing agency. Built and maintained LeadFlow, stood up BigQuery datasets, and shipped recruiting software and tools for Knight-Swift Transportation. Daily GCP work.

Independent / agency - Application Developer

Remote

Laravel business tools: quoting engines, technician management, logistics systems, and financial/wealth tools including asset allocators.

NewTek - Web Developer

Arizona

Built and maintained WordPress sites; transitioned toward web applications and harder problems.

Emergency Department - EMT -> self-taught developer

Phoenix, AZ

While running CPR, noticed nurses timing on a paper towel. Taught myself Java and built an Android documentation app (CPR timer, med timer, IV access, airway). The start.

CERTIFICATIONS

Google Cloud - Professional Cloud Developer (2019)

EDUCATION

Glendale Community College - Web development coursework (2012-2016): web dev, Java, JavaScript, HTML5/CSS3, MySQL, VBA, C#, OOP.