Christopher Goodbaudy

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SUMMARY

Full-stack engineer building production healthcare and insurance software on TypeScript, Next.js, and PostgreSQL, backed by a decade inside behavioral health EHR delivery. Ships complete systems: multi-tenant architecture, authentication, billing, LLM integration, and test coverage against real-world document formats. Deep working knowledge of clinical documentation, HIPAA-sensitive data handling, and the operational realities of the agencies that use these systems.

SKILLS

Languages & Frameworks	TypeScript · React · Next.js (App Router) · Node.js · SQL
Data & Infrastructure	PostgreSQL / Supabase · schema design & migrations · row-level isolation · Vercel · multi-environment deploys (dev / preview / production) · Sentry instrumentation
Integrations	Anthropic Claude API · Stripe (subscriptions & billing) · Clerk (auth) · Twilio · Resend · react-pdf
Practice	Vitest · Zod schema validation · accuracy benchmarking · REST API design · PHI/PII handling · field-level encryption
Domain	Behavioral health EHR · clinical documentation workflows · employee-benefits brokerage · group health insurance operations

EXPERIENCE

Thought Spark AI LLC, **Founder & Software Engineer**

Mar 2026 – Present

Vancouver, WA

- Designed, built, and deployed production SaaS applications end to end on Next.js 16 / TypeScript / PostgreSQL: architecture, schema, auth, billing, LLM integration, and deployment.
- Built **Renewal Concierge**, an AI-assisted renewal-advisory platform for small-group benefits brokers: ~59,000 lines of TypeScript, 115 REST endpoints, a 46-table PostgreSQL schema, **338 automated tests**, and an accuracy-benchmark harness scoring LLM extraction against real carrier renewal-letter fixtures. Instrumented with Sentry across three isolated environments.
- Built and delivered a **new-business turn-in application** for a commercial insurance agency. It replaced a paper workflow feeding a stack of un-entered forms, with per-record PDF/CSV export into the agency's system of record and field-level encryption for SSNs, dates of birth, and health-insurance identifiers.
- Built a **multi-tenant behavioral health EHR**: organization-level data isolation, tiered subscription feature gating via Stripe, 179 endpoints over a 65-table schema.
- Integrated the Claude API into real product workflows: clinical documentation assistance, document extraction, and automated client communication.
- Shipped 8 live products in nine months as a solo engineer directing Claude Code: 18,600 commits across 33 repositories, backed by 4,100+ automated test files. Evidence at tspark.dev.

EnSoftek, **Implementation Manager, Lead Solutions Demonstrator & Trainer** Sep 2015 – Apr 2026

Focus: AI-enhanced clinical documentation

- Led 30+ end-to-end implementations of a behavioral health EHR platform across diverse clinical organizations: system configuration, data migrations, interface and integration setup, report building, and SQL.
- Translated clinical and administrative workflows into product requirements, acting as the bridge between customers, sales, and engineering.
- Drove adoption of AI-enhanced clinical documentation features with hundreds of clinical users, feeding findings back into product design and feature specifications.
- Delivered 100+ technical product demonstrations to prospective customers.

Chris Goodbaudy Insurance Agency, **Owner** Jun 2013 – Present

Sherwood and Newberg, OR · full-time through Aug 2015, part-time since

- Own and operate an independent insurance agency.

5th Gear Enterprises, **Director of Development and Training Programs** Sep 2003 – May 2013

- Co-developed the company's proprietary web-based insurance training platform, used by thousands of insurance agents nationwide. Responsible for the design and testing of its pages (built in Microsoft .NET) and for loading training content through Microsoft SQL Server.
- Built and led the company's training and development function; team of up to 5.

SELECTED WORK

Renewal Concierge: AI renewal advisory for small-group employee benefits brokers. Public Renewal Letter Decoder (unauthenticated, rate-limited, shareable results) plus an authenticated broker workspace.

59K LOC TypeScript · 338 tests · 46-table schema · Anthropic Claude · Clerk · Supabase · Sentry · react-pdf · three-environment deploy pipeline

Multi-tenant behavioral health EHR: SaaS platform for behavioral health and community mental health agencies. Organization-scoped data isolation, Stripe subscription tiers with feature-gate enforcement.

100K LOC TypeScript · 179 API endpoints · 65-table schema

The Flight Steward: Live offline-first PWA for airline cabin crew: full drink and meal ordering by seat with zero connectivity through boarding, taxi, and flight. On-device storage, no backend.

Next.js 16 · Dexie / IndexedDB · Vitest · theflightsteward.com

Stack Ritual: Live supplement-tracking SaaS with subscription billing, SMS reminders, scheduled jobs, and a referral program.

Next.js · Stripe · Twilio · Supabase · stackritual.com