

Abigail Stafford

HEALTHCARE RCM × AGENTIC AI · TYLER, TX

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I find what's broken, prove it with data, and build the fix. 13+ years inside healthcare revenue cycle — assess, quantify, automate, govern — and three years building AI agents that run the same method. My site hosts my personal AI agent and an interactive playbook of the method: abigailstafford.pro.

HEALTHCARE & REVENUE CYCLE — 13+ YEARS

- ▶ **Head of data analytics, revenue cycle training & registration, on a \$1.2B Epic implementation** at Northwell Health — New York's largest health system — 10,000-user training database across rolling go-live waves; reporting used by AVPs and above.
- ▶ **Manual → automated:** a report that took several people a week now runs twice a day in under 10 minutes. Reporting and data accuracy improved 90% (Python pipelines with per-row change logging, Office Scripts, Power Automate, executive dashboards).
- ▶ Career spans patient access, contract management, IT system builds, market analysis, training & registration, data analysis, and consulting.

AGENTIC AI — BUILT, DEPLOYED, SUPERVISED

- ▶ **Hermes:** self-hosted agent running as a persistent service with a Telegram gateway; scoped-service-account secrets design.
- ▶ **Prediction-market trading system:** LangGraph + FastAPI, tiered agents, tested risk gate, autonomy promotion gated by calibration metrics (ECE, Brier).
- ▶ **LandmanAI:** oil & gas land agent at certified-professional-landman level.
- ▶ **Practice areas:** MCP tool building · agent skill authoring · model routing · observability & audit trails · least-privilege secrets · graduated autonomy · escalation policy design.
- ▶ **Design philosophy:** human-in-the-loop everywhere — the agent proposes, a human disposes.
- ▶ **Testing:** AI voice in live video conversation; multi-agent failure modes (state drift, tool misuse, cascading errors) across Claude, Grok, GPT, Gemini.

SHIPPED & OPERATED

- ▶ Smart contracts authored and deployed on **Solana and Base**; blockchain projects run end-to-end with **1,000+ investors** kept informed.
- ▶ Operational/QA partner on **Jelly Jelly** (live social video platform on Solana): multi-currency tipping economy, real-time chat, and its in-video conversational AI agent.
- ▶ Prediction-market data ingestion (Kalshi, Polymarket) with calibration-gated trading logic — "when your AI estimates whether a claim will be denied, someone has to know whether its 80% means 80%."

CAREER & EDUCATION

Revenue cycle analytics lead, Northwell Health (2025–, via Healthcare IT Leaders) · Sr. Consultant, Eclipse Insights/Huron (2024) · Healthcare Data Analyst, Sentara (2022–25) · Contract Analyst, FinThrive (2019–22) · Denials Specialist, Conifer Health (2016–19) — 50+/day at 96%+ accuracy · Revenue Cycle Specialist (2013–16) | EDUCATION — Yale School of Management (Healthcare Mgmt) · Cornell (Data Analytics) · B.S. MIS · bilingual English/Russian

TOOLKIT

AI — Claude + Claude Code + MCP (daily) · LangGraph · OpenClaw · Hermes · model routing · audit logging | CODE — Python · TypeScript/JavaScript · SQL · React · Office Scripts · Solana/EVM | DATA — Power BI · SQL Server · Microsoft Fabric · DuckDB · Power Query · deep Excel | INFRA — Vercel · Docker · Traefik · n8n · Supabase · Redis · Linux VPS | HEALTHCARE — Epic (10+ yrs) · RCM operations · patient access · go-live/wave management