

RAVI SURESH

Product Builder | Agentic AI & Full-Stack Product Engineering

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Product builder who takes healthcare software from idea to production. I design and build agentic AI systems and multi-agent workflow automation, run user discovery directly with physicians and staff, and ship the full stack myself, fast, using modern engineering practices and AI-assisted development. I like taking ambiguous problems from zero to one, and I'm looking to bring that to a team where I can own outcomes without doing it alone.

EXPERIENCE

Co-Founder & CTO | Tether Health, Chicago, IL

Dec 2025 – Present

- Built a production, HIPAA-oriented agentic AI system on AWS Bedrock (Claude Sonnet + Haiku): a full tool-use agent loop across 8 registered tools, dynamic per-view system prompts, and PHI-scrubbed logging, covered by a provisional patent (filed April 2026) I co-invented.
- Designed and shipped a multi-tenant agent runtime executor: atomic Postgres task claiming with per-practice fair queueing, per-dependency circuit breakers, per-practice AI spend budgets, a scoped LLM response cache, and human-in-the-loop approval gates, validated with real-signature SAML tests and an in-memory Postgres test harness.
- Wrote 11 production agent handlers, including a parallel-LLM clinical note synthesizer and 5 referral-lifecycle pollers, backed by 51+ Postgres migrations and a 19-state referral state machine.
- Built the athenahealth EHR integration from scratch: a FHIR R4 adapter covering 13 resource types plus visit-summary write-back, and a SAML 2.0 SSO service provider embeddable inside athena's clinical iframe.
- Ran 100+ discovery conversations directly with physicians and practice staff, including groups like Forefront Dermatology, translating clinical workflow pain points into shipped product decisions.
- Shipped the full product surface in Next.js 15 and React 19: PCP dashboard, referral detail view with a live agent timeline, in-app AI chat, and a specialist directory with geo and specialty matching.
- Took the product live with a pilot practice in primary care, completing a full end-to-end patient referral through production EHR integration.

AI Training Consultant (Contract) | Scale AI, Remote

Jan 2025 – Dec 2025

- Evaluated frontier AI model outputs in medicine, biology, and multi-turn dialogue for factual accuracy, reasoning quality, and safety.
- Applied clinical and life sciences background to catch subtle domain errors; wrote structured rationales used to retrain and improve model behavior.

Public Health Consultant | Chicago Department of Public Health, Chicago, IL

Apr 2023 – Sep 2023

- Supported a citywide initiative expanding prediabetes screening across 30+ community clinics on Chicago's South and West Sides.
- Coordinated working roundtables between clinics, nonprofits, and city health staff to remove screening barriers.
- Analyzed screening outcome data in R to shape program strategy; co-authored a research abstract on BMI and food access.

Community Support Specialist | Thresholds, Chicago, IL

Aug 2021 – Jul 2022

- Managed a caseload of 30+ members living with serious mental illness and homelessness, coordinating care across physicians, therapists, and social services.
- Supported medication adherence and daily living skills; documented clinical progress used in treatment planning.

EDUCATION

Indiana University School of Medicine | MD Program, two years completed | 2022 – 2024

University of Virginia | BA, Global Public Health | 2017 – 2021

Certification: AI in Healthcare Specialization, Stanford University via Coursera (2025)

SKILLS

AI & Agentic Systems: agentic AI (AWS Bedrock, Claude), multi-agent orchestration, tool-use loops, circuit breakers & spend budgeting, LLM response caching, AI-assisted development (Cursor, Claude Code)

Building: TypeScript, Python, Next.js, FastAPI, PostgreSQL, Supabase, R

Product: user research, roadmap ownership, prioritization, competitive analysis, go-to-market strategy, cross-functional collaboration

Healthcare: FHIR R4, athenahealth EHR integration (OAuth 2.0, SAML SSO, write-back), referral and prior authorization workflows, HIPAA, PHI-scrubbed logging