

Vignesh Venkataraman

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SUMMARY

I love tackling the hardest problems, wherever they are - in the code, the product, or the organization. No part of the stack is off-limits, and I've spent meaningful time in all of them. I've also built and led the teams that ship the fixes.

EXPERIENCE

Curai Health

San Francisco, CA / Remote

First employee at a \$100M+ raised Series B telehealth startup, leveraging AI to deliver the world's best healthcare to all

Head of Engineering → VP of Engineering

Oct 2022 – Present

- Grew engineering team to ~30 while building the product engineering, platform engineering, data science, IT, and security functions
- Oversaw a commercial pivot, and managed critical partner relationships with Amazon Health Services, Tufts, and more
- Drove product expansion into enterprise service lines, including pediatrics / dependents, eligibility file / API ingress, insurance billing via claims, and static + real-time translation into Spanish
- Scaled visit volume from tens to thousands per day, while expanding Curai's telehealth clinic to all 50 states
- Rolled out modern AI tooling, and used it to fully rebuild an agent-ready EHR platform in less than a quarter
- Spearheaded the build of Curai Health AI, a super agent for your health
- Shipped numerous Curai Health AI features, including integration with the Curai telehealth clinic, specialist booking flows, insurance queries, price transparency tooling, and bill / prior auth appeals
- Contributed directly to Curai's AI doctor (a constellation of agents with the ability to take history, diagnose a patient, order and refill prescriptions, order labs, generate documentation, and deliver care plans)

Tech Lead Manager → Head of Platform & Infrastructure

Mar 2021 – Sep 2022

- Built and grew a new platform and infrastructure team
- Migrated Curai's infrastructure from GCP to AWS
- Implemented asynchronous messaging features into the Curai patient and provider platforms
- Designed and ran a no-downtime migration of millions of FHIR records into USCDI-compliant format
- Championed data platform build (atop Databricks)
- Rolled out first versions of Curai's decoupled service architecture and CI / CD pipelines

Founding Software Engineer → Staff Engineer / Tech Lead

May 2017 – Feb 2021

- First employee at Curai, member of founding team
- Developed the original medical knowledge base and prototyped diagnostic algorithms
- Owned the technical roadmap of the First Opinion acquisition and integration
- Architected and ran a no-downtime move from a German cloud provider into GCP
- Modernized legacy components (frontend and backend) from bespoke legacy libraries to modern frameworks
- Established Curai's FHIR infrastructure, including an EHR rewrite to be FHIR-native

Visual Labs

Palo Alto, CA

First engineer at a startup deploying networked Android smartphones as body cameras (acquired by Versaterm in 2023)

Principal Software Engineer

Aug 2015 – Apr 2017

- Built and improved core platform features like search, geofencing, IAM, uploads, and synchronized video viewing
- Shipped key enhancements into the core Android app, including device-specific recording triggers and automatic uploads
- Orchestrated migration to Microsoft Azure's Government Cloud
- Developed a CJIS-compliant livestreaming service using WebRTC, including remote-trigger capability
- Conceptualized and implemented "remote camera" technology, relaying chest-mounted video and audio to a base Android device

SKILLS

Languages Python, JavaScript / TypeScript, Java, C++

Frameworks FastAPI, Flask, React, React Native, Expo, Tanstack, Tamagui, Shadcn, Tailwind, Agents SDK, Pydantic AI

Infrastructure AWS, GCP, Terraform, Docker, Temporal, Kubernetes, Helm

EDUCATION

M.S. Computer Science

Stanford University

2015 – 2019 (part-time)

B.S. Computer Science and Mechanical Engineering

Stanford University

2011 – 2015