Tanishq Kancharla *Product Engineer*

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Product engineer and former startup CTO turning customer problems into useful software, mostly at early-stage startups. I own problems end to end, from understanding primary care referral workflows to shipping email apps used by tens of thousands of people.

Experience

Saffron Health, Inc. (*Co-founder & CTO · YC Spring 2025*) Feb 2025 – Nov 2026

- Worked directly as referral coordinators in a primary care clinic for five months, then co-built and deployed AI referral automation software for a rural clinic network.
- Converted the pilot to a paying customer. The software deployment delivered 82% faster referral processing, appointment availability 55% sooner, and 44% fewer referral kickbacks.
- Sold the Saffron Health product for $125,000. After that, co-built Libretto, an open-source agent harness that turns browser workflows into reusable integration scripts.

Shortwave (*Full-Stack Engineer*) Mar 2023 – Jan 2025

- Joined as 5th engineer and led iOS and desktop development for Shortwave, an email client used by tens of thousands of people.
- Touched all parts of the application surfaces, including a new inbox layout, rebuilding iOS and Android apps, building Electron-based desktop app, redesigning the landing page and documentation, and improving developer experience.

Stealth Startup (*Full-Stack Engineer*) Nov 2021 – Dec 2022

- Developed an Electron-based digital research notebook with Chet Corcos (Notion's first engineering hire) spanning rich-text editing, desktop app architecture, and maintainable design systems.

Projects & Open Source

Tandem — Built a database and sync engine so collaborative apps feel immediate while data syncs in the background. Supports optimistic updates, live queries, and persistence. Embeddable alternative to ElectricSQL.

diffmap — Built a tool for reviewing agent-written code through interactive, source-linked diagrams and annotated diffs, with inline feedback and shareable walkthroughs.

Halo — Built a desktop app for general-purpose agents using Electron and Pi, with a standalone Node.js workspace server, Turso-backed conversation storage, and exe-hosted workspace VMs.

Technical Skills

TypeScript, JavaScript, Node.js, React, React Native, Electron, browser automation, AI agents, local-first data and sync

Education

Carnegie Mellon University 2017 – 2021

Bachelor's · Computer Science and Physics