

Stephen Chung

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Education

Carnegie Mellon University

B.S. and M.S. Electrical and Computer Engineering

Tools & Technologies

TypeScript, Go, React, Next.js, SQL, Git, HTML/CSS, TailwindCSS, GraphQL, Docker, Claude Code / Cursor

Experience

Ply Health

Founding Engineer

Dec 2024 - Jul 2025

Patient Advocacy Platform

- Built single-page application from scratch that serves as the first touchpoint in the patient onboarding funnel, handling mission-critical insurance eligibility checks and patient video conferencing
- Collaborated directly with CEO + CTO + design to rapidly iterate on patient funnel for better conversion
- Shipped a flexible note-taking system with an integrated time tracking module for accurate billing and revenue collection
- Developed core React components that enable accurate appointment scheduling and availability management
- Promoted visual consistency by introducing and maintaining a lightweight design system built on top of Shadcn + Tailwind
- Designed and implemented role-based authentication layer to secure internal admin app
- Integrated backend services with external APIs that enable secure patient communication and consent doc generation
- Worked with intake and care team to fix bugs and address pain points

Provider Credentialing Service

- Built B2B tools to help behavioral health practices credential their providers with insurance companies, increasing their ability to accept a wide range of patients
- Diagnosed and fixed a disruptive latency issue, achieving an ~80% reduction in database CPU utilization
- Developed task management system to streamline enrollment processing and track customer-required action items
- Created reusable Metabase dashboards to centralize the data needed for the ops team to process enrollments
- Proactively led an urgent migration of legacy background task platform to a supported version without downtime
- Streamlined sign-up flow to make it self-serve, which eliminated the need for engineering involvement
- Actively worked with ops team to build better workflows in the application, fix bugs, and ideate on areas of improvement

Silo

Senior Software Engineer

Mar 2020 - Jul 2024

- Tech lead and founding member of the Accounting pod. Helped scale the product from a simple Accounts Receivable module to a core offering users leverage to automate journal entries, sync data with external accounting platforms, and perform reconcile bank statements
- Launched a data import tool that decreased the time-to-onboarding-per-user from multiple hours to <1hr
- Designed client-side state architecture of expense tracking system that manages >\$200m of user's expenses
- Regularly participated in on-call rotation, collaborating with the support team to triage and fix customer issues
- Helped onboard new team members and wrote SoP documents to share knowledge and best practices with the team

UKG

Software Engineer

Jun 2018 - Mar 2020

- Developed product features and fixed bugs for a survey-taking web application.
- Led a team of 10+ contractors in org-wide effort to build 700+ automated tests to increase product stability

Projects

Whoxy

- Webhook proxy that makes it easier to consume webhooks locally during development
- Built using Go, Redis, and local-tunnel

Janitor

- Program that leverages system-native crontabs to periodically archive files. I use this to keep my desktop clean from screenshots