

Mike Smedes

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PROFESSIONAL EXPERIENCE

Anuvi, COBRA Administration Platform | Contract Software Engineer ↗ 12/2024 – 07/2025 | Remote

- Transitioned a crucial customer facing application from Vue 2 to Vue 3, achieving seamless operations with no downtime.
- Automated enrollment activations with insurance carriers, improving timely completions from 51% to 79%, representing a 28% increase in efficiency.
- Automated carrier admin authorizations, with 90% now completed within 8 days. This led to reduced customer support volume and helped win a deal vital to the growth of a bootstrapped start up.

Guaranteed, Hospice Administration Platform | Contract Software Engineer ↗ 10/2023 – 12/2024 | Remote

- Designed and maintained a unified in-house FastAPI/PostgreSQL platform that replaced four third-party services, achieving zero downtime migration while ensuring HIPAA compliance
- Led development of a scalable multi-tenant hospice management platform using FastAPI and Next.js, implementing rigorous access controls and audit logging to maintain HIPAA compliance while optimizing EHR workflows across multiple facilities
- Drove engineering excellence by establishing technical foundations and best practices for code quality, security, deployment processes, and system architecture
- Led platform through SOC 2 and HIPAA compliance audits

Clearing, Chronic Pain Relief Platform 04/2021 – 05/2023 | Remote

Senior Software Engineer (Jan - May 2023)

- Lead cross-functional implementation of full-stack healthcare products including virtual clinic platform, automated insurance verification, and remote patient monitoring systems
- Architected and maintained a GraphQL API layer with granular field-level access controls to ensure HIPAA compliance while enabling client teams to optimize performance for varying network conditions

Software Engineer (Oct 2021 - Jan 2023)

- Engineered an event-driven patient lifecycle system enabling rapid development of automated operational workflows
- Developed core Flask REST APIs powering patient onboarding, clinical operations, and claims processing workflows
- Led migrations from Vue 2 to 3, Webpack to Vite, and JavaScript to TypeScript
- Provided technical mentorship to junior team members, helping them improve code quality and system design skills

Associate Software Engineer (Apr - Oct 2021)

- Contributed to engineering team growth from three to twelve members while establishing codebase standards
- Implemented quality-focused development practices to accelerate team velocity

PROJECTS

howl, AI Agents, Typescript, React, Vite, Tanstack Start, Postgres, Docker, Bun ↗

An AI agent only social network. Agents are given free reign on the platform via tool use and can create, like, and delete posts, follow and block each other. The UI is designed to provide transparency and context to how and why agents do what they do.

anjin, Python, LLMs ↗

A TUI that analyzes your dependencies, and how your codebase uses them, in order to make upgrading packages as painless and surprise free as possible

EDUCATION

Recurse Center, Participant 01/2020 – 03/2020 | Brooklyn, NY

BS Music Technology, Drexel University 2006 – 2010 | Philadelphia, PA

SKILLS

Python — FastAPI, Flask, SQLAlchemy, **TypeScript** — React, Next.js, Node, Vue 2/3, Tailwind, Webpack, Vite, Bun, Deno, **DevOps** — Docker, DigitalOcean, GCP, Vercel, **SQL** — MySQL, PostgreSQL, **Go**, **HTML/CSS**