

# Nate Deakers

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## Summary

Product-focused engineer who builds web applications, AI products, and web automation tools. In my current role, I build and deploy efficiently, work across the full stack, and own products end to end. In my free time I run, perform improv comedy, and play guitar.

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## Languages

TypeScript/JavaScript, Python, SQL, HTML/CSS

## Technologies

React, Next.js, PostgreSQL, Prisma, Redis, Express, GraphQL, Flask, Git, AWS, Heroku, Tailwind, Playwright

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## Experience

### Fair Square Medicare (YC W20) – Software Engineer

Sep 2021 – Present | [fairsquaremedicare.com](http://fairsquaremedicare.com)

- Built AI voice agents that screened leads, answered questions, took messages, and scheduled appointments — handled 350k calls and increased sales 30%.
- Designed and built a framework for an AI web browser automation that programmatically confirms healthcare plans, eliminating 6 hours of manual work daily.
- Built a recommendation algorithm that compares Medicare plans and provides personalized plan recommendations, reducing phone calls by 50% during open enrollment period.
- Built an automated cohort analysis system using SQL and Python to track customer lifecycle metrics bringing key insights for business decisions.
- Designed and implemented AI call analysis system using LLMs that provides clients with full call visibility and ensures consistent call quality and performance.
- Led end-to-end SOC 2 Type II and HIPAA compliance implementation for AWS environment, leveraging Vanta platform to configure security controls.
- Second engineering hire at YC backed startup. Shipped core features including auth, user dashboard, plan quote views.

### Foqal.io - Software Engineer Intern

June 2021 - July 2021

- Overhauled GraphQL API and built frontend features using React, TypeScript, and Apollo Client to improve scalability and improve code quality.
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## Education

**Rithm School (2021)** Full Stack Software Development

**UC Santa Cruz (2012)** B.S. in Marine Biology