

# Thomas Clifford Parker

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## Summary

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Senior Software Engineer with 6 years of full-stack experience in healthcare and fintech, building scalable, user-focused applications. Skilled in both frontend development and backend systems, including event-driven architectures like Kafka and RabbitMQ.

## Technical Skills

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Frontend: React, React Native, Redux, HTML5, CSS3

Languages: JavaScript, TypeScript, Python, Ruby

Backend: Node.js, Express, NestJS, RabbitMQ, Kafka, PostgreSQL, MongoDB

Dev Ops and Tooling: Docker, Kubernetes, Ansible, Loki, CI/CD pipelines, Avro, Datadog

Testing: Jest, Enzyme

Collaboration: Jira, Confluence, GitHub, Slack, Guru

## Professional Experience

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### Software Engineer II

**Hinge Health**, San Francisco, CA | April 2021 - May 2025

- Led unification of PSFS (Patient-Specific Functional Score) across frontend and backend services and delivered scalable data flow across APIs, core backend services, and client-facing mobile applications, improving personalization for over 10,000 members.
- Integrated Overdub AI voice synthesis using Descript APIs, enabling dynamic multi-language, audio generation which reduced audio processing time by 40% and increased content localization flexibility.
- Owned development of a new condition editing ingress in the mobile app, managing 17+ Jira tickets and coordinating rollout via feature flags. The project reduced member onboarding time by ~20% and improved treatment personalization.
- Led migration to Kafka-based event schemas using Avro, reducing backend validation issues by 80% and improving data consistency across distributed services.
- Mentored teammates and led rituals including pair programming, onboarding, and PR reviews. Authored documentation referenced by 5+ teams and helped reduce new engineer onboarding time by ~25%.

### Software Engineer

**SmartBiz Loans**, San Francisco, CA | October 2018 - October 2020

- Rebuilt the marketing website with Gatsby and our internal design system, improving Google analytics site speed from 60% to 90% while maintaining static site SEO advantages and a modern tech stack.
- Doubled overall unit test code coverage from 25% to 50% with the Jest and Enzyme testing suite, boosting confidence in code base reliability.
- Built React components for a company-wide design system using Storybook, creating a single reference for the product and marketing teams to speed up development and testing immeasurably.
- Primary developer for Flask/Jinja project, building a 20 page linear application to process over 1300 paycheck protection loan forgiveness applications at the height of the COVID 19 pandemic.
- Integrated electronic signature capabilities into our application via the HelloSign API, adding new pages for our customers allowing them to 'self-serve', freeing up valuable time for our application reviewers.

### Software Engineering Teaching Assistant

**Hack Reactor**, San Francisco, CA | January 2018 - April 2018

- Mentored 150+ engineers on developing full stack web applications, including one on one sessions and assisting with debugging student code.
- Assessed and resolved 50 - 100 tickets per week, answering subjects including CS fundamentals, client-side frameworks, server applications, and SQL/NoSQL databases.

## Education

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Bachelor of Science in Biotechnology (Bioinformatics emphasis) March 2015

University of California, Davis