Chelsea Saunders

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🪪 PROFILE

I'm a full stack software engineer with extensive experience in JavaScript, TypeScript and Ruby. I use my background in law and philosophy to write clear, concise and maintainable code and solve up complex problems.

🧠 SKILLS

Back end
Node.js, Express, Ruby, Sinatra, Go, PostgreSQL, MongoDB, RESTful APIs

Front end
JavaScript, React, TypeScript, HTML/CSS, Tailwind CSS

Other
Git/GitHub, Jest, Docker, Linux, Bash, DigitalOcean, Heroku, Nginx, Pm2, Postman, A/B testing

💼 PROFESSIONAL EXPERIENCE

Co-Creator, Software Engineer, *Test Lab* ↗   11/2022 – present | Remote

Test Lab is an open-source, self-hosted platform for creating and managing A/B experiments, feature toggles, and feature rollouts.

- Innovated and implemented "user-block" strategy ↗ to ensure that users are not enrolled in concurrent experiments, preserving the integrity of experiment data.
- Designed and developed the Admin UI with React and Tailwind CSS, for CRUD feature management, including ensuring that users do not exceed experiment availability for a provided date-range.
- Developed the back-end server, which exposes RESTful APIs for managing feature, user, and experiment-related event data stored in PostgreSQL.
- Designed native Node, React, Ruby, and Python SDK packages, with assignment logic to evaluate features and render user-specific variants while ensuring concurrent experiment exclusivity.
- Authored a comprehensive case study ↗ on the engineering challenges and design decisions made during the creation of Test Lab.
- Created full documentation ↗ for Test Lab.
- Collaborated with remote team of four engineers across four time-zones using Agile workflow.

Software Engineer   09/2020 – 10/2022 | Remote

- Developed open-source web applications with technologies such as Node, Ruby, Sinatra, PostgreSQL, React, JavaScript, HTML, and CSS.
- Selected Projects:
  - Request Collector: A Node.js application built with Express, MongoDB, PostgreSQL, and React to capture and monitor webhooks
  - Procrastination Assistant: A task list app built with Ruby, Sinatra, and PostgreSQL

🎓 EDUCATION

B.A. Philosophy, with Honors, *University of Washington*   Seattle, WA

Software Engineering and Full Stack Software Development,   Remote
Launch School ↗

- Completed a mastery-based education program for software engineering fundamentals and full-stack web development.
- Mentored new students as a part of Launch School's Buddy mentorship program.