Chelsea Saunders

Software Engineer

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</> TECHNICAL EXPERIENCE

Test Lab, *Co-Creator, Software Engineer* ⧉   2022-11 – 2023-04 | 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, *Self-employed*   2020-09 – 2022-10 | 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

🗄 PROFESSIONAL EXPERIENCE

Licensed Massage Therapist   2012 – 2020 | Various, WA
- Practiced injury rehabilitation at physical therapy and chiropractic clinics.

🧠 SKILLS

Back end	Front end	Other
Node.js, Express, Ruby, Sinatra, Go, PostgreSQL, MongoDB, RESTful APIs	JavaScript, React, TypeScript, HTML/CSS, Tailwind CSS	Git/GitHub, Jest, Docker, Linux, Bash, DigitalOcean, Heroku, Nginx, Pm2, Postman

🎓 EDUCATION

J.D., *Lewis and Clark Law School*   Portland, OR

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.