# Chelsea Saunders

Software Engineer

✉ c.c.saunders@protonmail.com   ➤ chelseasaunders.dev   ◉ Bellingham, WA

Technical Experience

11/2022 – 04/2023
Remote

Test Lab, *Co-Creator, Software Engineer* ⧉
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.

09/2020 – 10/2022
Remote

Software Engineer, *Self-employed* ⧉
- 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

2012 – 2020
Various, WA

Licensed Massage Therapist
- Practiced injury rehabilitation at physical therapy and chiropractic clinics.

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

Education

Portland, OR

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

Seattle, WA

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

Remote

Launch School, *Software Engineering and Full Stack Software Development* ⧉
- Completed a mastery-based education program focused on software engineering fundamentals and full-stack web development.
- Mentored new students as a part of Launch School's Buddy mentorship program.