

SKILLS JavaScript, Python, Rust, SQL, PostgreSQL, React, Redux, SvelteKit, Flask, AWS, HTML, CSS

PROJECTS

Whelp | *(React/Redux, Flask, AWS, PostgreSQL, Rust)*

[live](#) | [rust](#) | [github](#)

- Recently rebuilt the backend in Rust with the Actix framework and Diesel ORM.
- Leveraged Flask to create a backend that allows for easy and efficient querying of the data, allowing for easily setting up custom API endpoints that only return the data needed, lowering load times across the site.
- Utilized React to create reusable components, such as form inputs, which reduces duplicate code within the codebase as well as maintain consistent styling across the site.
- Includes a custom loading spinner which, along with being dynamic and performant, has been described by users as “pretty cool”.

Smoke Signal | *(React/Redux, Flask, WebSockets, PostgreSQL, SQLite)*

[live](#) | [github](#)

- Utilized Flask-SocketIO and Socket.IO to implement real-time updates, transforming the application into a seamless messaging platform and eliminated the need for client-side requests which enhanced the user experience by enabling automatic server-client updates.
- Leveraged the Render cloud service for deploying the application, ensuring robust continuous integration and delivery which facilitated seamless updates and maintenance, contributing to overall product stability.
- Constructed a dynamic and interactive front-end using React, enriched by Redux for effective state management.

SCPnB | *(Express, React/Redux, PostgreSQL, SQLite)*

[live](#) | [github](#)

- Leveraged React and Redux for the front-end development of SCPnB, enabling a seamless user interface and state management which significantly enhanced the user experience.
- Implemented user authentication using Express and Sequelize, ensuring secure access and providing users with personalized experiences. This allowed property listings and reviews to be associated with individual users.
- Conformed to API Documentation and Wireframe specifications for both front-end and back-end development, which was key in meeting all project requirements and delivering a quality product.

EXPERIENCE

Project Manager/Consultant

Rocksol Consulting Group

Aug 2014 - Jan 2017

- Acted as a liaison between local, state, and federal transportation agencies and private contractors to ensure adherence to project documents, standards, and specifications during construction projects.
- Verified compliance of construction materials with project specifications by conducting quality assurance testing, inspections, and obtaining necessary certification documents.
- Demonstrated strong organizational skills by effectively coordinating project requirements, timelines, and resources to ensure successful project completion and acceptance.

Quality Control Supervisor

Western Technologies

Dec 2012 - Jul 2014

- Provided comprehensive inspection and testing services to ensure the quality of materials and methods employed in client projects.
- Conducted geotechnical surveys using qualitative and quantitative methods to assess site suitability for construction, producing detailed reports used for project estimation and planning.
- Exhibited attention to detail by meticulously collecting and analyzing data to identify potential issues, ensuring the integrity of construction projects.

EDUCATION

AppAcademy - Java Course 2023

AppAcademy - Full Stack Developer Coding Boot Camp 2022-2023

University of New Mexico - Pursued a bachelor of science in Economics and Mathematics, 2006-2008