

SKILLS Javascript | React | Redux | HTML | CSS | Python | Flask | Express | SQL | PostgreSQL | SQLAlchemy | Sequelize | Alembic | Pug | Git | Jinja | Docker | Node.js

PROJECTS

Finstagram (React/Redux, Python, Flask, PostgreSQL, SQLAlchemy)

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

A photo sharing site inspired by Instagram where users can share photos and post comments.

- Reduced the number of fetch calls and shortened loading times by conducting constant time state changes using a normalized Redux store state.
- Users can control their own posts and comments when credentials are satisfied, with user privacy being guaranteed through frontend and backend authentication mechanisms.

Robinsock (React/Redux, Python, Flask, PostgreSQL, SQLAlchemy)

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

A Robinhood clone that allows users to use fake money to simulate a real investment account, grabbing real time stock information.

- Collaborated with a team of 4 web designers to create sleek and innovative UI design.
- Integrated backend API routes to receive real time stock data from the Finnhub API to display to the frontend and allow users to buy or sell stocks.
- You can simulate adding money to your Robinsock account, as well as simulate selling and track your balance over time. Then later on when those assets increase, or more likely decrease, you can sell those assets to make a profit/loss.

LairBnB (React/Redux, Node.js, Express.js, PostgreSQL, Sequelize)

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

An Airbnb inspired app that allows users to post, book, and review spots.

- Utilized Redux to build single-page applications by preserving user session states to dynamically render React components in response to user input without refreshing the page.
- Designed an intuitive and smooth UI with React.js and used Redux for global state management, leaving users with a dynamic and truly single page application.
- Ensured user privacy through frontend and backend authentication measures, allowing users to manage their own spots and bookings when credentials are met.

Catuora (Javascript, Pug, CSS, Express.js, Sequelize, PostgreSQL)

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

Influenced by Quora, Catuora is a forum that allows cats to post questions and answers.

- Collaborated with a team of 4 web developers to create sleek and innovative UI design utilizing vanilla Javascript, Pug, and CSS.
- Rendered data retrieved from the database and generated reusable HTML using the PUG templating engine.
- Produced quick and dynamic DOM manipulation while working within the limitations of using only CSS and Javascript.

EXPERIENCE

Educator

Swing Education / Newark Unified School District (Newark, CA)

Oct 2015 - Mar 2020

- Fulfilled short-term and long-term substitute teaching requirements for all subjects in K-12 age groups. Received 98% positive feedback from teachers. Facilitated class discussion by asking questions from the teacher's textbook and allowing students to answer and confer among themselves.
- Implement teacher lesson plans to optimize students' understanding of curriculum material. Completed daily reports to communicate relevant information to other teachers and staff.

Tutor

Gem Rays Tutoring Center (Fremont, CA)

Sept 2014 - July 2015

- Assisted elementary school students with homework of all subjects, and supplemental curriculum drastically increasing their test scores.
- Advertised new courses of study and convinced 40+ customers to sign up for our promotional classes.
- Hired as a private tutor for struggling students and improved their test scores and grades drastically from C averages to A in math and science.

EDUCATION

App Academy - *Fullstack Software Development Program* | 2022

University of California, San Diego - BA Communications | 2014