Jacob Weber

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SKILLS

React.js, JavaScript, JSX, Redux, PostgresQL, Git, HTML5, CSS3, Express.js, PUG, SQLAlchemy, Flask

PROJECTS

For All The Marbles   Live Site | Github

For All The Marbles is a site based around Robinhood that allows users to buy and sell stocks from their favorite companies, and even create and list their own companies.

(React.js, Flask, PostgresQL, JavaScript, HTML5, CSS3, Redux, SQLAlchemy)

- Designed an algorithm to make weighted changes to stock prices and store price data on each stock at a 1-minute interval.
- Made use of React useEffects and state to seamlessly update information on multiple components simultaneously.
- Integrated React Chart Library to stream stock history information to users in an easy-to-follow manner.

Insta-Clone   Live Site | Github

Insta-Clone is an Instagram clone where users can create an account, upload images to posts, comment on posts, and follow/unfollow users.

(React.js, Flask, PostgresQL, JavaScript, HTML5, CSS3, Redux, SQLAlchemy)

- Implemented a Redux Store to allow dynamic and asynchronous rendering of components and updated components.
- Worked with AWS S3 to allow image hosting and user image uploads.
- Designed database to incorporate association tables for easy querying.

ReTappd   Live Site | Github

ReTappd is a clone of UnTappd that allows users to check-in at famous bars around the world and share their thoughts.

(React.js, Express.js, PostgresQL, JavaScript, HTML5, CSS3, Redux)

- Integrated an algorithm that creates and displays a modal to allow users to edit posts using React.
- Implemented Redux store to allow React to quickly and dynamically render content for users.
- Designed and styled all components around the site theme using CSS3.

Extension Hunt   Live Site | Github

Extension Hunt is a clone of Product Hunt that allows users to share their favorite extensions from VSCode and also allows users to share their thoughts on those extensions.

(PUG, JavaScript, PostgresQL, HTML5, CSS3, Express.js)

- Designed and implemented Express routes to query the database on multiple tables and join tables in PostgresQL.
- Implemented backend authentication for users and extensions routes.
- Authored PUG mixins to comply with SRP for forms rendered.

EXPERIENCE

Pallet Repair

CHEP, Oct 2019 - Sept 2021

- Repaired upwards of 315 pallets per shift up to quality inspection standards.
- Recognized by management as an efficient and consistent worker and promoted to trainer.
- Required fast-paced critical thinking and problem-solving skills.
- Client-focused attention to detail.

EDUCATION

App Academy - Immersive software development course with focus on full-stack web development

- Learned about TDD, scalability, algorithms, OOP, coding style, REST, security, single-page apps, and web development best practices.
- Rigorous 1000-hour software development course.
- Teaches full-stack web development: Python, SQL, JavaScript, React, design patterns, and programming best practices.

Western Governors University - *BS - Computer Science*   (Oct. 2021 - Current)
- Self-paced and motivation-driven course load.
- Learned Web Dev Foundations, Network and Security Foundations, and Programming Foundations.
- Teaches core concepts around CS, algorithms, and data structures with OOP concepts, and compiled languages.