

Jacob Weber

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[LinkedIn](#)

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Biddeford, Maine

SKILLS

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

PROJECTS

For All The Marbles

[Live Site](#) | [Github](#)

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

- Engineered an algorithm to make weighted changes to stock prices and store price data on each stock at a 1-minute interval.
- Built out **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.
- Implemented database cleanup algorithm to keep database current and efficient.

Insta-Clone

[Live Site](#) | [Github](#)

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

- Implemented a **Redux** Store to allow a dynamic user experience that allows for a seamless user experience.
- Deployed **AWS S3** to allow users to upload images and have them securely stored and be reliably available.
- Designed database using **PostgreSQL** and **SQLAlchemy** to incorporate association tables allowing for rapid query results to reduce load times and improve user experience.

Extension Hunt

[Live Site](#) | [Github](#)

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

- Designed and implemented **Express** routes to query the database on multiple tables and join tables in **PostgreSQL** easing clientside workload and creating a smoother user experience.
 - Modeled and styled all components around the site theme using **CSS3** creating a consistent and clean theme for the site.
 - Authored **PUG** mixins to comply with SRP for forms, keeping the codebase clean and easily scalable.
 - Wrote vanilla JS to create an **asynchronous** user experience.
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EXPERIENCE

Pallet Repair

CHEP, Oct 2019 - Sept 2021

- Repaired **315+** pallets per shift, meeting or exceeding quality inspection standards.
 - Recognized by management as an efficient and consistent worker resulting in promotion to trainer within 3 months of starting.
 - Tasked with onboarding and continual training of new hires.
 - Utilized fast-paced critical thinking and problem-solving skills to quickly identify and prioritize work that needed to be done.
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EDUCATION

App Academy - Full Stack Software Engineering

Graduated March 2022

- Rigorous 1000-hour software web development course with coursework including TDD, scalability, algorithms, OOP, coding style, REST, security, systems design & architecture, Agile/SCRUM methodologies, and web development best practices.

Western Governors University - BS - Computer Science

Oct 2021 - Present

- Relevant Coursework Includes:
 - Intro to IT
 - Web Development Foundations
 - Scripting and Programming Foundations
 - Network and Security Foundations