

Jacob Weller

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[Linkedin](#)

[Github](#)

[Portfolio](#)

SKILLS React.js, Redux, Javascript, Express, Node.js, Python, Flask, SQLAlchemy, PostgreSQL, Sequelize, SQL, Git, HTML, CSS

PROJECTS

Lists on Lists (Python3, Flask, SQLAlchemy, React, Redux, PostgreSQL, HTML5, and CSS3)

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

A fullstack project management application that allows tracking of assigned tasks.

- Maintained privacy of information with use of BCrypt in the backend and authentication routing for the frontend for security and restricting access to the application if not an account owner.
- Utilized the fetch method to deal with queries over http to a Flask backend and returned JSON to allow readily made changes and visualization of information on the frontend.

Instasplash (Python3, Flask, SQLAlchemy, React/ Redux, PostgreSQL, HTML, and CSS3)

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

A mashup of features from Instagram and Unsplash with the intention of better picture sharing while being able to socialize by liking photos.

- Developed layout restrictions during the planning phase to maintain a consistent look to the UX / UI using flexbox.
- Constructed an image validator that uses onLoad to determine if the URL provided will load an image with width greater than one pixel and then display a preview of the image.
- Arranged AWS S3 file uploads for images that go to an AWS bucket to preserve the images and minimize storage within the PostgreSQL database to maintain a swift load time.

BnB (Javascript, React / Redux, Express, Nodejs, PostgreSQL, Sequelize, HTML, and CSS3)

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

AirBnB clone with focus on basement apartments and rooms.

- Produced an AWS bucket to keep database seeded or uploaded images from becoming dead links.
- Implemented BEM CSS styling to remove conflicting or unwanted interactions throughout the application and increase readability for future development.
- Integrated Google Maps API to show location of rental on each individual listing page for users to see exact location of rental.

EXPERIENCE

National Oilwell Varco, HSE Coordinator Williston, ND

August 2015-June 2020

- Maintained and developed Health, Safety, and Environmental(HSE) programs, policies, and procedures for a facility of 80 personnel resulting in top of the list performance in internal auditing year after year.
- Identified problems or areas of improvement, devised solutions, and implemented procedural changes to policies based on findings from root cause analysis.
- Managed third-party contractor selection based on HSE and regulator requirements to minimize liability.
- Increased operational efficiency and ensured regulatory adherence by providing formal employee training in the areas of: forklift, overhead crane, NOV Drive, Competency, and completion of all new hire onboarding.
- Maintained and secured all documentation related to HSE, OSHA, EPA, and Proof of Training.

National Oilwell Varco, Service Technician - Team Lead Williston, ND

March 2014-August 2015

- Led teams between two and eight people in a fast-paced environment to meet disassembly and preparation targets of downhole oilfield tools destined for future refurbishment.
- Managed employee operations by serving as the primary point of contact as well as training newly hired employees on use of shop machinery, shop equipment, and disassembly of downhole tools.

Bell Supply Company, Warehouse Associate Williston, ND

January 2014- March 2014

- Maintained and organized over 30 million dollars worth of inventory to allow for more efficient order fulfillment..
- Operated forklifts or manually loaded trailers to complete orders that were consistently \$250,000 or more in value.

EDUCATION

App Academy San Francisco, CA

2021

- 24 week, 1,000 plus hour intensive online course. Developed four full-stack applications, two in groups and two as individuals. Focused on development of foundational programmatic abilities and pair programming.

College Sacramento City College, Sacramento, CA

2013

- Associates Degree in Mathematics