

# Jacob Weller

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[Linkedin](#)

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[Portfolio](#)

**SKILLS** React, Redux, Javascript, Node.js, Python3, Flask, SQLAlchemy, PostgreSQL, Sequelize, SQL, Git, HTML5, CSS3

## 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.*

- Maintain 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 planning phase to maintain a consistent look to the UX / UI using flexbox
- Created 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.*

- Created 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 implementation to show location of the rental on the listing page.

## 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 eighty personnel.
- Conducted Root Cause Analysis for all incidents and implemented changes based on findings.
- Managed third-party contractor selection based on HSE requirements. Organized the retention of all required documentation such as safety certifications, licenses, and work plans.
- Formal trainer for Forklift and Overhead Crane operation, Driving program NOV Drive, Competency program, and conducted all New Hire orientations.
- 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

- Lead teams between two and eight people to meet targets and deadlines for the disassembly of our downhole tools that were later refurbished by another team.
- Trained newly hired employees on shop machinery, equipment, complete disassembly of downhole tools, and other job duties.

**Bell Supply Company, Warehouse Associate** Williston, ND

January 2014- March 2014

- Maintenance of thirty million dollars worth of product inventory in the warehouse and pipe yard.
- Operated multiple varieties of forklifts to complete customer orders that would be up to a quarter of a million dollars in value and brought product into the warehouse for sorting.

## EDUCATION

**App Academy** San Francisco, CA

2021

- Twenty-Four week, one thousand 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