

# Mark Valdez

Full Stack Software Engineer | AWS Cloud Practitioner | React | JavaScript | Python | Docker | Express | PostgreSQL

(808) 755-5458 [LinkedIn](#) [Github](#) [Portfolio Site](#) [Email](#)

## EXPERIENCE

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### Junior Software Developer

Crowdpoint Technologies

Remote, USA

August 2021 – Present

- Build dynamic eCommerce web app from ground up including sales features, shopping cart functionality, and Blockchain compatibility.
- Design and configure a fully automated CI/CD pipeline using Github Actions for development-critical web apps resulting in 4x reduction in average deployment time.
- Perform bug fixes and pull request reviews to keep code clean and reduce technical debt by 20%.

### Freelance Full-Stack Software Engineer

Bay Cove Human Services

Remote, USA

March 2021 – August 2021

- Volunteered 80 hours of technical work at Bay Cove Human Services, a non-profit, which saved them over \$4,500 USD.
- Improved website user accessibility to WCAG 2.1 which increased traffic by 12%.
- Collaborated with others on the direction and implementation of the 2 month project to complete the project on time.

## PROJECTS

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### Pair Yo' Pet (Python, JavaScript, React, Redux, CSS3, Webpack, PostgreSQL)

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

Social platform web app built on a Python / Flask backend with React / Redux frontend and SQLAlchemy ORM on top of a PostgreSQL database.

- Architected backend schema to connect the React frontend to a Postgres database through a RESTful API for app functionality.
- Stored images in AWS S3 for the Pet Profile feature, to reduce server load and allow for scalability.
- Assembled creative database organization for private messaging feature between users to increase interaction on the application.

### Laughs (Python, JavaScript, React, Redux, CSS3, Webpack, PostgreSQL)

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

Joke sharing web app built on a Python / Flask backend with React / Redux frontend and SQLAlchemy ORM on top of a PostgreSQL database.

- Leveraged the Redux store to handle all state changes inside the application and present complex data relationships clearly.
- Focused on a single-fetch, normalized Redux state and usage of higher order components that improved the user interface.
- Protected resources via a custom backend and frontend user authentication pattern to prevent any hacking with the application.

### QuestTrackr (JavaScript, HTML5, CSS3, Webpack)

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

Productivity web app built on an Express.js backend with Pug templating and a Sequelize ORM on top of a PostgreSQL database.

- Utilized Vanilla JavaScript to render elements from an AJAX call to an API route for a smooth user experience.
- Implemented OOP approach to generate Quest and Raid classes from common Task class to keep code clean and readable.
- Managed DOM events to easily control player input and progress visualization, creating a dynamic application.

## EDUCATION

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### App Academy

Curriculum of Study in Web Development (Python and JavaScript)

Remote

October 2020 – March 2021

### Brigham Young University - Hawaii

Bachelor of Science in Psychology

Laie, Hawaii

April 2019

## TECHNICAL SKILLS

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Certified AWS Cloud Practitioner, JavaScript, Python, Ruby, HTML5, CSS3, Git, Slack, Agile, SQL, PostgreSQL, SQLAlchemy, MongoDB, Mocha, Chai, Jest, Cypress, TDD, React, Redux, Flask, Tailwind CSS, Express, Rails, AWS S3, Docker, GraphQL, Magento