

Ethan Jonathan Mercado

FULL STACK SOFTWARE ENGINEER

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Skills

React.js, Redux, JavaScript, HTML5, CSS3, Ruby, Ruby on Rails, jQuery, SQL, PostgreSQL, AWS, Render, Webpack, Canvas, MongoDB, Mongoose, Express.js

Projects

Last Man Standing (JavaScript, Canvas, Webpack)

[Link](#) | [Github](#)

An interactive 2D top down game where the player can move and click enemies as they appear

- Developed an engaging video game using HTML5, Canvas API, JavaScript, and CSS3, leveraging Webpack for efficient resource management.
- Designed custom game logic utilizing Async patterns to optimize enemy spawn and maintain game performance.
- Implemented unique click accuracy logic for user interactions, enhancing gameplay precision.
- Established seamless communication between the main character and interactive elements using setInterval(), collision detection, and custom functions.

Welp (Rails, React)

[Link](#) | [Github](#)

An Yelp.com clone built with a React frontend and Rails backend

- Engineered a Yelp clone using JavaScript, React/Redux, Ruby on Rails, PostgreSQL, CSS3, AWS, Render, and Webpack.
- Employed Ruby on Rails and PostgreSQL to ensure seamless backend data retrieval and processing.
- Built a secure user authentication system, utilizing BCrypt to hash and salt passwords, strengthening protection of user data.

LovArt (MongoDB, Express, React, Node)

[Link](#) | [Github](#)

A MERN-stack social media app where users can share and review art

- Collaborated within an engineering team using Git workflow and Slack, achieving efficient feature delivery across frontend and backend components.
- Incorporated Amazon S3's data storage infrastructure to upload and retrieve files, resulting in improved page-load performance
- Included reviews and rating capabilities, with restrictions for users depending if they are logged in or not

Experience

Help Desk Technician | Viacom CBS | December 2019 - March 2020

- Conducted software debugging and upgrades to streamline user interactions.
- Provided end-user technical support, clarifying departmental computing policies and enhancing computer safety awareness.
- Diagnosed and resolved application issues daily individually or collaboratively within the team.
- Upgraded and installed hardware components to ensure optimal client experiences.

Mail Clerk | The Millennium Group | October 2016 - July 2017

- Managed 50+ daily incoming and outgoing mail, maintaining meticulous records of packages
- Documented over 100+ mail and package movements weekly to ensure accuracy and accountability

Education

App Academy | Spring 2023 | New York, NY

Immersive software development course with focus on full stack web development

CompTIA A+ Certification | Summer 2019 | New York, NY