

FRANK A. MENDEZ

(209) 597-1139 frmendez209@gmail.com

[PORTFOLIO](#) [GITHUB](#) [LINKEDIN](#)

SKILLS

JavaScript, Ruby, React, Redux, HTML5, CSS, SCSS, Rails, Node, Express, PostgreSQL, MongoDB, AWS S3.

PROJECTS

MyTube (React, Redux, Rails, Javascript, PostgreSQL, SCSS, AWS S3, Heroku)

[live](#) | [github](#)

MyTube, a Youtube clone, demonstrates knowledge of the full-stack by reimplementing Youtube's key features.

- Utilized React and Redux to create a fast and responsive application that immediately updates the state of the application based on user interaction.
- Built a secure user authentication system by converting passwords into hashed and salted password digests that could be securely stored in the database.
- Implemented AWS S3 with Rail's Active Storage to store and retrieve media, utilized a relational database to track user information such as videos uploaded, comments, and liked videos.

Excite (React, Redux, Javascript, MongoDB, Express, Node)

[live](#) | [github](#)

Excite is an application that helps users get ready for their day by mixing sounds and scenes to create "excites" to give the user a vibrant experience. Developed by a team of three engineers where my role was the backend lead.

- Integrated an external API to retrieve photos and videos, utilizing Javascript's Async/Await pattern to fetch information asynchronously.
- Utilized MongoDB's document-oriented database and Mongoose data-modeling to create models and relationships between scenes and sounds.

Rocket Goal (Javascript, HTML, Canvas, CSS)

[live](#) | [github](#)

Rocket Goal is a 2D, interactive, game built without libraries or frameworks, inspired by the game Rocket League.

- Devised an algorithm that detects collisions between objects that adjusts velocity and angles based on factors such as angle of the ball, speed of vehicle and velocity of ball.
- Utilized run-time polymorphism to override inherited methods such as collision detection and barrier detection to be able to react differently based on different factors such as: vehicle type, location of vehicle on course and obstacle type.

EXPERIENCE

FrontEnd Developer Intern

LookingBus

Aug 2021 - current

LookingBus is a company that aims to assist people with disabilities by offering a service that makes it easier for them to access public transportation.

- Utilized frontend and backend knowledge to implement features in a strict timeline with little to no guidance.
- Learned several technologies on the go and put them into use in production immediately including: Bootstrap, Python and Flask.

Business Owner

F & J Fix It Guys

Jun 2019 - February 2021

Owned and operated a handyman service that offered electrical, plumbing, carpentry, drywall and general repairs.

- Serviced over 1000 residential clients and commercial businesses with a client focused and results driven business approach.
- Managed tools, equipment, materials, inventory, as well as expenditure and income tracking in order to manage a profitable business.

EDUCATION

Web Development - App Academy

May 2021

Immersive 1000 hour software development course with a focus on full-stack web development. Topics included: Algorithms, Data Structures, multiple FrontEnd and Backend frameworks and languages, pair programming etc.