

Francisco Palacios

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PROJECTS

Help! (Python, JavaScript, React, Redux, Flask, SQLAlchemy, HTML, CSS)

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

A Yelp inspired application that allows you to create businesses and leave reviews.

- Implemented both front-end validations and back-end validations to protect the database from any bad requests from both the browser and any API platform.
- Designed dynamic data visualizations for a business's ratings with algorithms based on user input.
- Created custom modal framework using React component architecture allowing for efficient development of new forms.
- Utilized one-to-many relationships using SQLAlchemy to allow users to add businesses to their favorites and to add categories to each business.
- Utilized Redux to store businesses' states globally and to allow easy access and the ability to update.

CloudSounds (JavaScript, React, Redux, Express.js, HTML, CSS, AWS)

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

A SoundCloud inspired music uploading application.

- Ensured user privacy and autonomy through frontend and backend authentication measures and React Router, allowing users to only access and make changes to their songs and albums when logged in.
- Integrated React Player with React's context to encapsulate music player data to give the user a seamless, uninterrupted audio stream during navigation on the application.
- Utilized AWS to store users' files and allow users to upload their audio and photo files.
- Designed React components to utilize state and re-render only when changes are made.

Nah-sana (Python, JavaScript, React, Redux, Flask, SQLAlchemy HTML, CSS)

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

A group project based on the project management application Asana used to facilitate planning projects.

- Designed an interface for logged-in users using React with CSS styling, that feels intuitive, seamless and closely resembles Asana's home interface.
- Built RESTful APIs to allow CRUD functionality for workspaces to allow API calls to connect the front and backend.
- Utilized an ORM, SQLAlchemy, to create custom queries and leveraged eager loading to fetch associated data in a single query.
- Collaborated with 3 software engineers to design, plan and implement both the frontend and backend for this project.
- Planned a Git workflow to cause minimal merging conflicts and issues using Git.

SKILLS

Languages: Javascript (ES6), Python, SQL, HTML, CSS

Framework/Tools: React, Redux, Flask, Express.js, Node.js, SQLAlchemy, Sequelize, Docker, Git

Key Skills: Pair Programming, Object-Oriented Programming (OOP)

EXPERIENCE

Subway

Los Angeles, California

Cashier/Food prep

June 2016 – March 2020

- Provided excellent customer service to 75+ customers daily.
- Learned to work as a coordinated team in an assembly line to provide quick, easy, and quality service to customers.
- Planned, managed, and coordinated weekly inventory deliveries of 300+ items.

EDUCATION

App Academy

New York, New York

Curriculum of Study in Web Development (JavaScript and Python)

March – October 2022

California State University, Northridge

Northridge, California

Bachelor of Arts in Economics

Class of 2021