JESSE SOLIS

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SKILLS

React, Redux, Javascript , Express, Python, Flask, HTML, CSS, PostgreSQL, Node.js

PROJECTS

Health Nut   (Flask, React.js, Python, JavaScript, SQLAlchemy)   live | github
An app where users can choose a fitness plan and track their calories on a day to day basis
- Designed an easy to use and friendly GUI that unifies user experience across platforms and screen sizes by utilizing Material UI.
- Boosted front and backend security by utilizing Auth0 for user authentication.
- Improved the speed and security of data retrieval by pairing Postgres with SQLAlchemy to store users' foods, meals, and daily nutritional intake.

Flippy Flapp   (Flask, React.js, Python, JavaScript, SQLAlchemy)   live | github
An app that allows private pilots to plan and save their flight plans
- Minimized server load by using Redux to manage front end state, resulting in less HTTP requests being made.
- Generated flight paths in under 2 seconds using a custom algorithm optimized based on the number of stops or distance.
- Eliminated N + 1 queries by using SQLAlchemy's eager loading feature to retrieve and store users' flight plans.

Dotify   (React.js, JavaScript, BootStrap, OAuth)   live | github
Dotify is a front-end client that uses the spotify api to perform certain actions on behalf of a user.
- Achieved OAuth using Spotify's implicit grant flow process to perform actions on behalf of a user such as creating playlists and even adding songs to a user's playlists.
- Engineered an efficient and interactive UI by leveraging React Hooks to efficiently manage data and lifecycle methods between components.
- Created a "Spotify connect device" by utilizing the Spotify player SDK to play music, add music to the queue, and even control the music player through another Spotify client.
- Revamped the website to feel like the Spotify application with being able to play music and browse through the site simultaneously by utilizing React.

AirCnC   (Express.js, JavaScript, CSS, HTML5, PostgreSQL, google maps api, sequelize)   live | github
A site to rent and host brilliant, amazing, and spectacular kitchens
- Increased app scalability and reduced server load by storing kitchen images using Cloudinary (cloud service provider).
- Enhanced the search process by utilizing google maps geo location based searching to create markers of kitchens on the map.
- Produced a RESTful API by utilizing Express, leading to standard and easy to understand backend routes.
- Decreased possibilities of SQL injections by applying Sequelize to query from a postgres database.

EXPERIENCE

Bank Teller/ Proof
Commerce National Bank   May 2019 - Nov 2019
- Ensured over 2000 financial transactions a month were handled in a secure and orderly fashion, while utilizing software to proof check financial transactions made by tellers across multiple branches.

Server/Closer
Abuelo's   Oct 2017 - Dec 2018
- Memorized over 100 unique food and beverage menu items , making important suggestions and recommendations.

EDUCATION

Web Development - *App Academy | January 2020 - July 2020*
BS Education - *Texas A&M University Industrial Engineering | 2015 - 2019*