Paul Fixler

(513) 833-7081   fixlerpaul@gmail.com   **GITHUB**   **LINKEDIN**   **PERSONAL SITE**

SKILLS

SQL, Javascript, Express.js, Sequelize, Python, Flask, SQLAlchemy, Git, React, Redux, CSS, HTML, Node.js

PROJECTS

RiftPay (Javascript, React/Redux, Python, Flask, SQLAlchemy, HTML, CSS)   Live-Site | Github
Built a Splitwise clone using a React frontend and a Flask API

- Designed and developed a scalable and user-friendly web application with a React frontend and a Flask backend, utilizing modern web development tools and libraries.
- Developed a custom algorithm for splitting transactions, utilizing advanced mathematical and statistical techniques to ensure accurate and fair distribution of expenses.
- Implemented user authentication and authorization features, including password hashing, token-based authentication, and role-based access control.
- Developed a RESTful API with Flask to handle requests and responses between the frontend and backend, following best practices for RESTful API design and development.
- Collaborated effectively with a team of three members using Github to manage project tasks, code contributions, and version control.
- Actively contributed to the development of the project's documentation and knowledge base, ensuring that all team members were up-to-date with project developments and changes.

CheddarBoxd (Javascript, React/Redux, Python, Flask, SQLAlchemy, HTML, CSS)   Live-Site | Github
Built a Letterboxd clone using a React frontend and a Flask API

- Implemented a RESTful API with Flask and Flask-RESTful to handle requests and responses between the frontend and backend, utilizing the latest RESTful API best practices.
- Integrated SQLAlchemy ORM to efficiently interact with the PostgreSQL database, and designed a database schema that optimized query performance and data integrity.
- Developed a custom API wrapper for The Movie Database (TMDB) API, and utilized Flask to query TMDB's extensive movie database to fetch and display movie information to users.
- Utilized Redux to manage state and data flow throughout the application, and developed custom reusable components to provide a seamless user experience.
- Deployed the application to a cloud-based platform(Render), and implemented continuous integration and continuous deployment (CI/CD) pipelines for streamlined deployment and updates.

EXPERIENCE

Warehouse Associate
Amazon   Apr 2021- July 2021, Apr 2022-July 2022

- Assisted with preparing and completing shipments by assessing requested products, determining type and quality, locating the products in storage, and loading them to be packaged.
- Skills learned include organization, planning, time management, inventory control, equipment maintenance, teamwork, documentation, and data entry.

EDUCATION

Web Development - *App Academy | Aug 2022-Mar 2023*
BA-Biochemistry and Molecular Biology - *University of South Carolina | Aug 2017-Dec 2021 (DNF ~30 credits from completion)*