FANGRU ZHOU

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SKILLS

React, Redux, Javascript, Python, Java, Flask, HTML, CSS, SQL, Git, Express.js, Node.js, Sequelize, JQuery, SQLAlchemy, AWS S3, Docker, OOP, REST, SCRUM, Agile, KanBan, Canva, GIthub, GIMP, Microsoft Excel

PROJECTS

LIZUVIA (Flask, ReactJS)   live | github

Lizuvia is a website clone inspired by PotteryBarn. It's an e-commerce platform specially for home decoration products.

- Produced the product listings' UI using React, CSS3 and user-centered design techniques , improving usability and user retention
- Designed a conditional editing based on the time of order placing, using React to conditionally render the edit form depending on the local state, allowing users to edit their orders inside the order details page component.
- Implemented custom searching and sorting to facilitate product searches throughout the site.
- Utilized AWS S3 to implement product image uploads reducing server load, allowing for scalability of image services and reducing the likelihood of data loss.

LEGENDHOOD (Flask, ReactJS)   live | github

Legendhood is a website clone inspired by Robinhood. Legendhood displays live stock data and replicates the functionality of buying and selling stocks.

- Designed and created custom backend table modals using Python Flask, allowing for efficiently returned JSON data.
- Processed and displayed real-time stock price data by leveraging Finntech stock API and Alpha-Vantage stock news API
- Display stock price data charts with Chart.js library to visualize large stock information datasets.
- Implemented custom search for searching through stocks.
- Includes convenience methods for rapidly converting CSV files to JSON files
- Design and developed a movement-based animation using CSS3 on the splash/home page.

SIMPLYBNB (Express, ReactJS)   live | github

A web app inspired by Airbnb, built with Sequelize, React, Redux, HTML5, and CSS3

- Configured the Node backend,, using Sequelize ORM for validation and database queries.
- Managed scheduling a booking CRUD using Express backend framework to handle possible conflict bookings.
- Integrated Maps to dynamically present booking locations based on user parameters

EXPERIENCE

Controller

Heart To Heart Gifts, Inc   Mar 2015 - Mar 2021

- Prepared financial reports, financial forecasts and statements to understand the financial state of business
- Managed and coordinated a team of 5+ members in preparing financial reports and budgets, streamlined the procedure.
- Monitored the company's financial reports and determine ways to reduce costs
- Assisted management with important financial decisions
- Kept up-to-date on the financial market to understand how to maximize profits and find new expansion areas

Accountant

Heart To Heart Gifts, Inc   Oct 2012 - Mar 2015

- Maintaining records of financial transactions by posting and verifying
- Defining bookkeeping policies and procedures
- Maintaining subsidiary accounts by posting, verifying and allocating transactions

EDUCATION

Software Development / Web Development - *App Academy | Sep 2022*

Master of Science in Accountancy - *San Diego State University | 2010 - 2012*