

SKILLS JavaScript, React, Redux, Python, SQLAlchemy, Node.js, Express, HTML, CSS, SQL, AWS S3, Git, PostgreSQL, Sequelize, API, Problem-solving, Pressures management, Teamwork, Leadership, fluent in both English and Vietnamese.

PROJECTS

NhutBnB (Airbnb clone) | (*JavaScript, React/Redux, Express.js, CSS, Sequelize, PostgreSQL*) [live](#) | [github](#)

- Implemented Node.js/Express server to handle asynchronous HTTP requests to multiple endpoints based on reusable middleware to modularize specific functionality, increase readability and simplify debugging.
- Developed a comprehensive booking system with an advanced calendar feature using React-calendar and DOM manipulation to mimic Airbnb's user-friendly design and UI for a familiar and easy-to-use interface.
- Integrated scalable and secure storage solutions using AWS S3, utilizing features such as bucket policies, IAM roles, and versioning, to strengthen client data storage.
- Optimized the use of a normalized Redux store state to reduce the number of fetch calls and loading times, and to access data that's being updated, deleted, and/or rendered in O(1) time complexity.
- Employed Bcrypt to secure user authentication, protecting users from malicious attacks.

Ravenhood | (*React/Redux, Python's Flask, SQLAlchemy, CSS, Chart.js, ApexCharts, yahoo API*) [live](#) | [github](#)

- Spearheaded a team of 4 to complete the project within 1 week by clearly communicating goals and holding daily standup meetings to ensure progress and address any roadblocks.
- Employed Yahoo finance and AlphaVantage APIs to fetch live intraday stock markets data and news that updated every 5 seconds, and populated UI components to display stock information.
- Incorporated ApexCharts.js and Charts.js for data visualization, and formulated custom dynamic functions to filter and process the data, resulting in a more accurate representation of stock market trends and insights.
- Leveraged React context for efficient data sharing between components, reducing props drilling and increasing reusability of stateful logic, resulting in improved user responsiveness.
- Designed and implemented the relational database schema utilizing PostgreSQL to support the functionality, including the creation of tables, relationships, and constraints to optimize data storage and retrievals.

FLUM (yelp clone) | (*React/Redux, Python's Flask, SQLAlchemy, CSS*) [live](#) | [github](#)

- Architected the product design and back-end API structure to introduce new features and significantly improve the user experience.
- Succeed in implementing a high-functioning scalable website despite a 2-week timeline.
- Engineered a sophisticated search bar feature that utilized the Google Maps API and geolocation to allow users to filter search results by location and keywords.
- Employed a test-driven development environment by utilizing Postman to design and execute custom tests for API endpoints validation and error handling.

EXPERIENCE

Manager, *Miss Tea, Baldwin Park, CA*

May 2016 - Feb 2021

- Managed operations for a smooth functioning system while maintaining a high standard of customer satisfaction.
- Implemented a revised inventory system focused on storage conditions and ordering techniques.

Sales, *Kent SeaTech*

Feb 2021 - July 2022

- Developed customer relationships with more than 20 local supermarket managers, within a year.
- Assessed client needs based on current objectives, supply, and demand.

EDUCATION

Cal Poly Pomona - *BS Computer Engineering*

AppAcademy - Intensive 1500-hour immersive full-stack web development course with <3% acceptance rate, 2022