

SAMUEL SUH

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SKILLS Korean(fluent), Python, Javascript, HTML5/CSS3, SQL, ReactJS, Redux, NodeJS, Express, Heroku, Git, AWS, Docker, RESTful APIs, Object Oriented Programming, DOM Manipulation.

PROJECTS

AirNbN • (React/Redux, JavaScript, Express, Sequelize, SQLite, PostgreSQL, HTML, CSS, APIs) [live](#) | [github](#)

- Utilized React's virtual DOM, components and state management to create a responsive user interface while leveraging Express to handle server-side routing and API endpoints for secure sitewide communication.
- Integrated React-Date-Range calendar npm package by tailoring the package's logic to work seamlessly with the application's database, resulting in a visually appealing display of booked and available dates.
- Leveraged Amazon Web Services (AWS) S3 buckets for efficient storage and retrieval of user-generated media on site, enhancing performance and scalability.

Coinindex-ss • (React/Redux, JavaScript, Flask, PostgreSQL, MySQL, SQLAlchemy, HTML, CSS, APIs) [live](#) | [github](#)

- Created a custom hash function to secure an efficient system for handling user authentication and authorization, ensuring the security of sensitive debit card data and personal information.
- Designed a normalized Redux store architecture to enhance application performance and elevate code modularity while utilizing session state to improve security, resulting in improved time complexity to O(1) time for all state lookups and updates.
- Utilized React Context to reduce prop-drilling and the number of rerenders, resulting in a highly maintainable and flexible codebase enabling users to alter their session state from multiple locations.
- Integrated Chart.js for clear data visualization of currently owned assets and individual crypto performance, resulting in improved portfolio management, real-time asset tracking, and an authentic crypto-market experience.

Nope • (React/Redux, Flask, Javascript, PostgreSQL, MySQL, SQLAlchemy, HTML, CSS, APIs) [live](#) | [github](#)

- Managed a team of 4 to complete the project within a strict one-week deadline, by creating a comprehensive project timeline and holding daily standup meetings to track progress and resolve blockers, resulting in more than the MVP requirements requested.
- Engineered an advanced search system leveraging GoogleMaps API, enabling users to search by name, location, and/or category, resulting in highly detailed and accurate results.
- Employed advanced DOM manipulation techniques to design and develop a visually pleasing carousel feature.
- Protected users from malicious attacks by integrating Bcrypt for secure user authentication and password hashing.

EXPERIENCE

Director of Warehouse Operations

Snag Delivery • Santa Barbara, CA

2020-2022

- Implemented new standards and procedures, resulting in a significant improvement in order-to-delivery time of 16%, and an increase of 45% in customer satisfaction, as measured by customer feedback and survey results.
- Deployed new organizational procedures and methods, resulting in a 33% reduction in on-site personnel while maintaining efficiency and customer satisfaction.
- Maintained close relationships with all new and existing team members while onboarding, and provided support through the guidance of new procedures and methods to increase efficiency.
- Consistently managed accurate records of inventory and business procedures, providing bi-weekly reports that accurately reflect overall business statistics, preventing losses and ensuring smooth operations.

EDUCATION

App Academy

2022-2022

- Intensive full stack web development program with < 3% acceptance rate consisting of 1500+ hours of curriculum.

University of California, Santa Barbara

2017-2021

- Bachelor of Art, Concentration in Economics - TMP Certification