Calvin Lieu
Software Engineer

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SKILLS

JavaScript, Python, Node.js, Express.js, Flask, React, Redux, AWS S3, SQLAlchemy, SQLite, Sequelize, Postgres SQL
HTML, CSS, Object Oriented Programming, Dockerfile, Git, Heroku

PROJECTS

Slipper *(JavaScript, Python, Flask, React, Redux, SQLAlchemy, HTML, CSS***)**   Live Site | Github
A Twitter clone with a slight twist of being slipper themed.
- Built backend RESTful APIs using Python Flask to maintain compatibility with new technologies emerging on the market.
- Incorporated a relational database using SQLAlchemy to support the normalized data displayed on my web application.
- Executed client-sided state management using React hooks to handle the state and lifecycle of React Components.
- Utilized the Redux toolkit to maintain the web application's slice of state in a single place to keep my application more predictable and traceable.

StairBnB *(JavaScript, Express, React, Redux, SQLite, Sequelize, HTML, CSS***)**   Live Site | Github
A full-stack AirBnB clone.
- Constructed RESTful APIs using Express.js that supplied normalized data to React components for Users to interact with on the web application with core CRUD features.
- Integrated SQLite3and Sequelize to engineer a relational database to allow users to create data and dynamically display it on the front end.
- Utilized CSS to construct a pleasing User Interface by creating a responsive web application to fit with AirBnB's standards.

Insta-Lock *(JavaScript, Python, Flask, React, Redux, AWS S3, SQLAlchemy, HTML, CSS***)**   Live Site | Github
An Instagram clone where gamers can post their highlights.
- Led a team of four developers to create a functional full-stack web application utilizing SCRUM methodology and Git to manage version control amongst all collaborators.
- Implemented AWS S3 to provide an easy-to-use, fast and scalable place to store image data uploaded by Users.
- Executed core CRUD functionalities and chainable data using SQLAlchemy that work off each other to provide Users with a pleasant experience when interacting with the website.

EXPERIENCE

Sr. Patient Care - Food Services
University of California, San Francisco, December 2019 - March 2022
- Partnered with nurses to provide excellent patient food services that were safe, accurate, timely, and responsive to every patient's needs.
- Oversaw multiple departments of 100+ patients' dietary restraints and optimized their needs according to nurses' orders.
- Maintained cleanliness and methodical workstations, equipment, and patient rooms to provide pleasant interactions with the nursing staff.

Service Banker
Bank of The West, September 2018 - August 2019
- Reconciled cash drawer and ATMs, handling $100k+ daily with zero mistakes, and adhered to strict safety deposit box operations and guidelines to maintain 100% accurate personal and commercial records.
- Identified sales and cross-selling opportunities to create qualified referrals to specialist sales partners to achieve quarterly sales targets with a minimum of a 90% customer acquisition rate.

Operations Specialist
Boba Guys Inc., December 2016 - September 2018
- Monitored customer sales and inventory levels based on foot traffic across stores in the Bay Area.
- Collaborated with a team of 5 researchers to produce new products and deliver delicate perishables to various stores.
- Increased sales through research, developing new seasonal products, and collaborations with local retailers.
- Catered to many social events and coordinated with venue supervisors to create a memorable experience for guests.

EDUCATION

App Academy - Immersive 1000+ hour software development course with a focus on full-stack web development.
San Francisco State University - Coursework toward a Bachelor's in Kinesiology.