Daniel Calderon
Software Engineer

916.896.2438   danielcalderon1199@gmail.com   Sacramento, CA   Portfolio   Linkedin   GitHub

Technical Skills

React.js, Redux, Express, Python, Flask, JavaScript, Node.js, HTML5, CSS3, SQL, SQLite3, postgreSQL, AWS

Projects

Crafsty   live site | github

JavaScript, Python, HTML5, CSS3, React / Redux, Flask, AWS, SQLAlchemy

Project Description

- Leveraged React and Redux to construct a responsive and interactive user interface, providing an intuitive and engaging shopping experience for users. Implemented full CRUD functionality for a shopping cart feature, allowing users to add, update, and remove items seamlessly.
- Utilized AWS S3 for static file storage, ensuring efficient content delivery and storage of images for the application.
- Actively managed the project's GitHub repository, contributing to documentation, user stories, database modeling, and the kanban board. Reviewed and merged peer commits to ensure code quality and foster effective collaboration, while also minimizing merge conflicts and supporting asynchronous teamwork.
- Exercised Python and Flask to develop a robust back-end server, handling API requests and integrating with SQLAlchemy to manage and query the database efficiently, ensuring smooth data flow and high performance. Built a previous order history feature with CRUD operations, enabling users to view, edit, and track their past purchases.

The Internets   live site | github

JavaScript, React / Redux, Express, HTML5, CSS3, Sequelize, PostgreSQL, Docker

Project Description

- Applied React and Redux to craft a dynamic and engaging user interface, coupled with site-search capabilities, facilitating effortless navigation, content creation, and interaction with posts, likes/dislikes, communities, and comments, culminating in a captivating and user-centric experience.
- Implemented Express.js as the backend framework, facilitating efficient handling of API requests, integration with the PostgreSQL database, and serving dynamic content with high throughput and low latency.
- Integrated Sequelize ORM with PostgreSQL database, enabling seamless data management and efficient querying for various CRUD operations, such as creating and retrieving posts, likes, dislikes, comments, and communities.
- Executed middleware using Express.js and JavaScript to handle data validation and error handling, creating custom database validation functions, custom error messages, and responsive data validation functions that display warnings and errors to the client-side, thereby enhancing user experience and site reliability.
- Deployed Docker containerization to ensure consistent deployment and scalability across different environments, streamlining the development and maintenance processes, and enabling easy scaling as the application's user base grows.

Experience

Assistant Site Coordinator, Assist Programs | May 2023 - Present

- Oversaw and established engaging recess and after-school programs, ensuring adherence to high standards and creating a structured, safe environment for student participants.

- Trained and mentored staff members, developing their skills in program delivery, student engagement, and curriculum implementation to foster a positive learning experience.
- Managed large groups of students during recess and after-school activities, coordinating setup, facilitating engaging activities, monitoring behavior, and adapting to varying group sizes.
- Exhibited strong leadership and problem-solving abilities by operating school sites independently, addressing concerns, managing incidents, and ensuring smooth program operations during staff absences.

Carpenter, California Drywall Co. | March 2020 - August 2022
- Contributed expertise to large-scale commercial projects, including the construction of Google offices and the Salesforce Tower, as a skilled union drywall and metal stud framer.
- Demonstrated proficiency in executing precise and efficient framing tasks, ensuring structural integrity and adherence to project specifications.
- Collaborated effectively with project teams, contractors, and other trades to meet tight deadlines and maintain the highest quality standards in the construction industry.

Education

App Academy | Winter 2024 | San Francisco, CA

Completed App Academy's 1000+ hour immersive software development course, emphasizing full-stack web development, while actively engaging in pair programming sessions and collaborative group projects.