SEAN SAINZ

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San Diego, CA

About me

Although I am quiet by nature, I love meeting new people and working on teams to solve complex problems or algorithms. I am very interested in business app modeling and development. This was my primary focus during my education. I would love the opportunity to demonstrate my skills.

Technical Skills

Front-End: Node.js, Next.js, React, Websockets, JSON, Document Object Manipulation, Redux
Back-End: Django4, MongoDB, PostgreSQL, SQlite3, RabbitMq, Apache Kafka, FastAPI
Software Design: Microservices, Message passing, Event sourcing, RESTful API's, BST's, Domain Driven Design
Programming: Python 3, JavaScript, HTML5, CSS, SQL
Misc: Git pages, Heroku, venv, Docker, Insomnia, Tailwind, SASS

Application Development Experience   2022

Beta CarCar | Automobile dealership inventory management and employee/customer database.

- Designed a React SPA (Single Page Application), internalized with Django back-end and RESTful APIs in microservices.
- Conceptualized a method for managers to utilize one application to keep track of automobile inventory, service records, and sales records.
- Optimized the application's code to benefit users via multiple and specific forms, lists, and instructions with React.js and SQLite3 to keep track of their business.

JWT Task Manager | Next.js, React, PostgreSQL

- Developed a task manager application using cutting-edge Next.js 13 beta, showcasing expertise in modern web development frameworks and a commitment to staying current with industry trends
- Mastered the fundamentals of business app architecture, including user, project, and task aggregation, demonstrating an ability to adapt and learn quickly while creating robust and scalable solutions
- Implemented seamless user authentication with JWT, PostgreSQL database management via Railway.app, and efficient deployment with Vercel, highlighting a comprehensive skill set that covers all aspects of web application development

BrewHop | FastAPI, React, yelpAPI

- Worked in an asynchronous team of four developers to create a web application for 21+ users to find breweries in their area.
- Assembled location search, user-profiles, interactive-maps, and favorite-able items (breweries) functionality.
- Produced a clean GHI, refactored and optimized with CI/CD via render.com, GitLab pipelines, and unit testing (Linting **/** third-party API data fetching **/** FastAPI code functionality)

Education

MiraCosta Community College, Oceanside, CA 05/2021
Associates Degree, Liberal Arts Math and Sciences - ongoing
Hack Reactor (Galvanize Inc) 08/2022 - 12/2022

- Graduated 19-week Immersive Software Engineering Program.

Professional Experience

Crew member/Assistant manager, *Cross Street, San Diego, CA*, 2020 - 2022

- Demonstrated a genuine desire to help customers by actively listening and seeking to understand their needs and concerns.
- Take ownership of customer issues and work to find solutions, rather than placing blame or excuses.
- Enhanced company reputation by providing unique and periodical ideas to be implemented.