

Sebastian Stovall

SOFTWARE ENGINEER

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SKILLS

JavaScript, Node.js, TypeScript, Python, HTML, CSS, SQL, SQLite3, PostgreSQL, SQLAlchemy, React.js, Redux, Next.js, Express, Flask, Sequelize, AWS S3, REST, Object Oriented Programming (OOP), Ubuntu, Windows Subsystem for Linux (WSL), Docker

PROJECT WORK

WSCO || React / Redux / Flask / SQLAlchemy / PostgresPSQL

[GitHub](#) > [Live](#)

- Leveraged React to design and build modular, reusable front-end components. These components expedited development efforts and elevated code maintainability. Their integration ensured a unified design and consistent functionality throughout the application.
- Leveraged the capabilities of AWS S3 and FlaskForm to iterate through and upload multiple images efficiently within a single form allowing users to create photo albums.
- Designed and implemented a self-referential table structure using SQLAlchemy, a popular Flask ORM (Object-Relational Mapping) library. This achievement facilitated the modeling of intricate hierarchical relationships within the database, ensuring efficient data management and retrieval.

Rignite || React / Redux / Flask / SQLAlchemy / PostgresPSQL

[GitHub](#) > [Live](#)

- Collaborated within a diverse cross-functional team to accelerate the development of RIGNite's features within a compressed one-week timeframe. Demonstrated proficiency in agile methodologies and fostered a collaborative and productive team environment.
- Led the development of the order management feature, implementing full CRUD (create, read, update, and delete) functionality. This enhancement allowed for user-friendly tracking and maintenance of purchase records, particularly for sold-out or inactive items.
- Assumed the role of GitHub project manager, orchestrating team tasks for feature branches, overseeing branch merges, and participating in code reviews to resolve merge conflicts and ensure code quality.

AirStay || (React / Redux / Express / Sequelize / PostgresPSQL)

[GitHub](#) > [Live](#)

- Created an Express backend utilizing Node.js alongside React/Redux for frontend modules that seamlessly communicate with the RESTful API for data retrieval and manipulation.
- Skillfully devised a plethora of essential functionalities for the creation, modification, viewing, and removal of spots, reviews, and bookings/reservations
- Made intuitive usage of JavaScript time objects when incorporating booking logic processes. Utilizes the react date picker package to select, modify, and exclude dates

WORK EXPERIENCE

Database Systems Operator, Menasha Packaging, Hartford, WI

June 2021 – August 2022

- Utilized Menasha's database system to efficiently locate, procure, and oversee inventory product
- Collaborated with cross-functional teams to identify and address database system inefficiencies, actively participating in database maintenance tasks, ensuring data accuracy and reliability for smooth management during the transfer of product

EDUCATION

APP ACADEMY >> Full Stack Web Development

Completed September 2023

- successfully completed a rigorous 1000 hour coding bootcamp at App Academy, mastering data structures and algorithms, and acquiring practical expertise in writing and testing modular code for Full Stack Web Development