

Tariq Saleh

SOFTWARE ENGINEER

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[Portfolio](#)

[Github](#)

[LinkedIn](#)

SKILLS

Languages: Javascript, Python, HTML, CSS, SQL, Typescript

Frameworks/Tools: React, Redux, Node.js, Express.js, Sequelize, SQLAlchemy, SQLite3, Flask, WTForms, Git, Postman, npm, nvm, Mocha, Chai, Render, Docker, AWS

Key Skills: Pair Programming, Test Driven Development (TDD), Object Oriented Programming (OOP)

PROJECTS

BudgetMe (ReactJS, Redux, Flask, SQLAlchemy, WTForms)

[live](#) | [github](#)

Web application built with JavaScript and Python designed to allow a user to manage spending via budgets

- Built intuitive and modular forms using WTForms and flask_wtf to grant consistent validations for all data attempting to enter the backend.
- Created modular components utilizing ReactJS on the frontend to create reusable and highly customizable HTML elements with easy access to dynamically changing values.
- Generated consistent migrations using Alembic which helped keep updates to the database tracked and in order to preserve the integrity of the database.

Chef's Choice (ReactJS, Redux, Flask, SQLAlchemy, WTForms)

[live](#) | [github](#)

Recipe and ingredient management app built using JavaScript and Python

- Produced deeply functional models using SQLAlchemy and Flask-SQLAlchemy in order to create persistent and easy access to my data in the backend.
- Developed a scalable routing system using Flask to grant access to the associated data through RESTful conventions in an easy to use and highly scalable fashion.
- Utilized Amazon Web Services S3 buckets to allow users to upload image files in a user friendly way while still using links for the storage and display of those images.

WindPlacesAndSpots (ReactJS, Redux, Sequelize, ExpressJS)

[live](#) | [github](#)

Full stack clone of Airbnb using JavaScript which grants users the ability to post and book properties

- Designed a thorough state management system using Redux stores in tandem with React to have access to reusable and important data across my website while also making it appear responsive by updating data immediately as changes are made.
- Implemented organized models and migrations using Sequelize on the backend to easily create, access, and replicate the database schema and all data held within..
- Assembled a clear and maintainable routing system using ExpressJS which follows RESTful conventions and allows for intuitive access to all data related operations through the backend.

EXPERIENCE

Front Desk Receptionist

Nagi CPA, PC

Jun 2021 - Jun 2022

- Standardized an extensive system for excel to optimize data-entry which increased productivity by more than 30%.
- Managed scheduling for several accountants and hundreds of clients using Outlook which streamlined the experience for the customers.

EDUCATION

Web Development - App Academy | May 2024 - October 2024