Zohaib Rajan

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SKILLS

Technical Skills: JavaScript, Python, Flask, React, Redux, Node.js, Git, GitHub, HTML/CSS, Express, SQL, SQLAlchemy, Sequelize, PostgreSQL, AWS, Docker, Render, JINJA, Object-Oriented Programming (OOP), Test-Driven-Development (TDD)
Relevant Skills: Full-Stack Development, Database Management, API Integration, Version Control, Microservices Architecture, Responsive Design, Scrum/Agile Methodologies, Web Security Best Practices, Client Management

PROJECTS

FitFolio | A fitness tracking application inspired by MyFitnessPal   [Github Repo](#) | [Live Link](#)
JavaScript, React/Redux, Python, Flask, Docker, Render
- Built FitFolio's fitness platform with **React** and **Redux**, introducing a user-friendly React Date Picker for seamless review of fitness diaries.
- Designed a **RESTful API** using **Flask**, Alembic for migrations, and SQLAlchemy for object relational mapper (ORM), this secures communication between frontend and backend and increases application stability.
- Managed a **PostgreSQL** database for data storage, which optimized the application's performance, implemented data validation protocols, and seamlessly integrated updates, contributing to the overall success of the application.
- Deployed using **Docker**, which helped simplify the deployment process and allowed for consistent performance across all environments.

SavoryScoot | A food delivery application inspired by UberEats   [Github Repo](#) | [Live Link](#)
JavaScript, React/Redux, Python, Flask, Docker, Render, AWS, Google Maps API
- Led the team in implementing a streamlined **Git** and pull request workflow, preventing merge conflicts and efficiently resolving issues for a well-integrated development process.
- Developed a Checkout Cart with **Local Storage**, ensuring persistent cart data access for users, regardless of login status or database resets. This enhances the user experience by maintaining seamless access to cart information.
- Integrated **AWS S3** for optimized image storage in restaurant and item forms, significantly improving the system's functionality.
- Incorporated **Google Maps API** on the restaurant details page for interactive location visualization, elevating user experience and platform usability.

EXPERIENCE

Square Real Estate Consultants   **Atlanta, Georgia**
Real Estate Technology Specialist   *June 2022 – Aug 2023*
- Applied data analysis to evaluate market trends, driving a 15% increase in team efficiency. Utilized MLS databases and CMA methodologies for property value optimization aligned with current market conditions.
- Stayed up to date with emerging technologies in the real estate sector, contributing to the innovation and evolution of software solutions.

Costco   **Webster, Texas**
Front End Associate   *Nov 2020 - May 2021*
- Collaborated with team members to maintain a clean and organized front-end area, contributing to a welcoming and customer-friendly environment.
- Utilized CRX, an Inventory Software, to manage item quantity and streamline the stocking process.

EDUCATION

App Academy   **Remote**
Computer Science   *July 2023 - Dec 2023*
   o **Concentrations:** Full Stack Web Development
   o **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Machine Learning, Artificial Intelligence, Object-Oriented Programming

University of Houston   **Houston, Texas**
Computer Engineering   *Aug 2020 - Dec 2020*
   o **Concentrations:** Software Engineering and Computer Architecture
   o **GPA:** 3.68