

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, Data Analysis

PROJECTS

FitFolio | A fitness tracking application inspired by MyFitnessPal

[GitHub Repo](#) | [Live Link](#)

JavaScript, React, Redux, Python, Flask, Docker, Render

- 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
- Built FitFolio's fitness platform with **React** and **Redux**, introducing a user-friendly React Date Picker for seamless review of fitness diaries

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

- Leveraged market research and data analysis to identify high-growth real estate areas, increasing client investment opportunities by 8%
- Increased client satisfaction by 10%, leading to improved customer retention and contributing to overall revenue growth
- Managed over 25 concurrent real estate transactions, complying to deadlines and budgets within a $\pm 5\%$ variance
- Negotiated and closed complex real estate transactions, resolving discrepancies to ensure successful outcomes for all parties
- Utilized technology platforms (e.g., MLS) to streamline property search and communication, enhancing client experience

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