

# ZOHAIB RAJAN

## SOFTWARE ENGINEER

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Results-driven professional with a passion for technology and real estate investing. Background in engineering with expertise in leveraging technology for transformative outcomes. Proven track record of creative problem-solving and keen insights into real estate. Enthusiastic about contributing to the field of software engineering by implementing innovative solutions that drive positive impact and transformation.

**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** [Github](#) | [Live](#)

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

- Engineered FitFolio's fitness tracking platform using **React** for the user interface (UI) and **Redux** for state management. Implemented a customizable React Date Picker component to enable users to effortlessly view and analyze past fitness diaries.
- Orchestrated the design of RESTful APIs and system architecture, utilizing **Flask** as the backend framework, Alembic for migrations, and SQLAlchemy as the Object-relational mapping (ORM). Fostering seamless and efficient data interchange between frontend and backend servers. This ensures a foundation of reliable communication, contributing to the overall strength and stability of the application.
- Developed and managed a **PostgreSQL** database for a fitness tracking application, emphasizing efficient data storage and retrieval to ensure optimal application performance. Implemented rigorous data validation protocols to enhance data integrity to seamlessly integrate database updates, contributing to the overall success of the application.

**SavoryScoot** [Github](#) | [Live](#)

*JavaScript, React/Redux, Python, Flask, Docker, Render, AWS, Google Maps API*

- Initiated a collaborative effort within the team, leading the implementation of a streamlined **Git** and pull request workflow. This proactive approach not only prevents potential merge conflicts but also efficiently resolves any issues, fostering a cohesive and efficient development process.
- Established a Cart Modal leveraging **Local Storage** functionality, securing persistent storage of cart data for users. This ensures consistent access to cart information, unaffected by login status or database resets, enhancing the overall user experience by maintaining seamless access to cart data.
- Engineered restaurant and item forms integrated with **AWS S3**, optimizing the storage and retrieval of images for seamless file management. This enhancement significantly elevates the system's overall functionality, ensuring a smooth and efficient user experience.
- Elevated the restaurant details page by seamlessly integrating the **Google Maps API**. This addition provides users with an interactive map for accurate location visualization, enhancing the overall user experience and usability of the platform.

## EXPERIENCE

**Real Estate Technology Specialist** • Coldwell Banker • Atlanta, GA

**6/2022 – 8/2023**

- Applied advanced data analysis to evaluate market trends, driving a 15% increase in team efficiency. Utilized MLS databases and CMA methodologies for precise property value optimization aligned with market conditions.
- Customized and configured software solutions to align with real estate business processes, optimizing workflow and allowing for adjustments that enhanced the efficiency of day-to-day operations.
- Stayed abreast of emerging technologies in the real estate sector, contributing to the innovation and evolution of software solutions.

**Front End Associate** • Costco • Webster, TX

**11/2020 – 6/2021**

- Collaborate 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** • Full Stack Web Development

**Completed 12/2023**

**UNIVERSITY OF HOUSTON** • Computer Engineering - GPA: 3.68 • Houston, TX

**2020**