

# Zohaib Rajan

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## SKILLS

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**Programming Languages:** Python, JavaScript, SQL

**Web Development:** React, Redux, Node.js, Express, Flask, HTML/CSS

**Development Tools:** Git, GitHub, Docker, AWS, TensorFlow, PostgreSQL, SQLAlchemy/Sequelize, Object-oriented programming

**Relevant Skills:** Full-Stack Development, Database Management, API Integration, Version Control, Scrum/Agile Methodologies, Web Security Practices, Data Analysis

## EDUCATION

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**Georgia State University**

**Atlanta, Georgia**

*Computer Engineering*

*Expected Graduation Dec 2027*

**Stanford University & DeepLearning.AI on Coursera**

**Remote**

*Machine Learning Specialization*

*Certificate Issued July 2024*

- o **Related Coursework:** Supervised Machine Learning: Regression and Classification, Advanced Learning Algorithms, Unsupervised Learning, Recommenders, Reinforcement Learning

**App Academy**

**Remote**

*Coding Bootcamp*

*Certificate Issued Dec 2023*

- o **Concentration:** Full Stack Web Development
- o **Related Coursework:** Data Structures & Algorithms, Objects & Design, Object-Oriented Programming

## PROJECTS

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**FitFolio** | A fitness tracking application inspired by MyFitnessPal

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

*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 by encrypting communications via HTTPS and increases application stability
- Managed a **PostgreSQL** database for data storage, optimizing application performance through efficient data storage, indexing, and query planning capabilities and ensuring data integrity with by implementing data validation protocols
- Deployed using **Docker** containers, which helped simplify the deployment process and improved the application stability
- Built FitFolio's fitness platform with **React**, introducing a user-friendly React Date Picker for seamless review of fitness diaries

**SavoryScoot** | A food delivery application inspired by UberEats

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

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

- 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** to insure seamless access to the cart, regardless of login status or database updates
- Integrated **AWS S3** for simplified, cost-effective and flexible image storage in restaurant and item forms, 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

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**Square Real Estate Consultants**

**Atlanta, Georgia**

*Technical Support 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