Zohaib Rajan

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EDUCATION

Georgia State University   **Atlanta, Georgia**
Computer Engineering   *Expected Graduation May 2028*

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

EXPERIENCE

Scale AI   **Remote**
AI Engineer   *July 2024 – Present*
- Enhanced AI language models through detailed, criteria-based evaluations, resulting in a 15% increase in accuracy and reducing error rates by 10%
- Evaluate the model's ability to fulfill user requests comprehensively, focusing on accuracy, relevance, and completeness of generated responses
- Provide detailed comparative assessments of multiple model outputs for each prompt, offering insights into relative strengths and identifying areas for potential improvement
- Contribute to the iterative improvement of AI language models through consistent, criteria-based evaluations

PERSONAL PROJECTS

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

SKILLS

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