

MOHAMMAD H. RIZWAN

SOFTWARE ENGINEER

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SKILLS: Next.js, JavaScript, TypeScript, React, Redux, Ruby, Ruby on Rails, Node.js, Express.js, Python, PostgreSQL, SQL, Mongoose / MongoDB, HTML5, CSS3, SCSS, Tailwind, Bootstrap, Amazon Web Services S3 (AWS S3), Git, Github, Axios, jQuery, Google Maps API, Object-Oriented Programming (OOP), Heroku, Render, Ubuntu, HTML Canvas, Tiled

EXPERIENCE:

Software Engineer Assistant

App Academy

August 2023 - Present

- Conducted comprehensive mock technical interviews and debugging sessions, offering practical insights and guidance to enhance interview performance
- Provided adept debugging assistance, ensuring smooth progress in project development and troubleshooting complex issues
- Orchestrated productive technical office hours, creating an environment for students to seek clarifications and deepen understanding

Computer Science Expert AI Training

Scale AI

July 2023 - Present

- Engaged in diverse projects to train generative AI models and deliver innovative solutions
- Evaluated chatbots through thoughtful prompts and ratings to optimize conversational interactions and enhance user experience.
- Demonstrated expertise in writing code with reasoning to guide AI models' responses effectively
- Improved performance and resolved issues by editing and refining code generated by AI models
- Contributed proactively to various tasks and projects, supporting the team in delivering impactful AI-powered solutions

PROJECTS:

RizzyPrompts Next.js, JavaScript, MongoDB, Tailwind CSS, Next-Auth

[live](#) | [github](#)

A modern Next.js 13 full-stack application for exploring, sharing, and voting on AI prompts

- Integrated Next-Auth with OAuth for Github and Google, enabling secure authentication
- Implemented AI-prompt voting and sorting for optimal user experience (UX) and engagement
- Developed using Next 13, taking advantage of the latest features and improvements in the framework, enabling rapid development and responsive design and UI with Tailwind CSS

FaceDiary React, Redux, JavaScript, Ruby on Rails, AWS S3, HTML, CSS

[live](#) | [github](#)

A full-stack clone of Facebook that uses React-Redux frontend and Ruby on Rails for backend

- Constructed a Friend Model which allowed for bilateral implementation of friends and friend requests, increasing performance by optimizing database storage and information retrieval
- Implemented Search to continuously filter search results depending on user-input
- Applied Amazon Web Services (AWS S3) for image storage for faster and reliable service
- Instrumented React-Redux to keep track of state and cause re-rendering of components such as Posts and Comments, allowing for dynamic user-interface (UI) and user-experience (UX)

Crawl React, Redux, Express.js, Node.js, MongoDB, Google Maps API, Cloudinary, HTML, CSS

[live](#) | [github](#)

A MERN stack web app that allows users to signup and create crawls with their favorite venues

- Incorporated Google Maps API to allow users to view venue locations on an interactive map to achieve a preferable user-interface (UI) and user-experience (UX) design
- Took leadership and responsibility after backend completion in order to augment with frontend and styling, causing 100% more productivity and project completion
- Implemented Vote Model with MongoDB to sort Crawls with the highest Votes, leading to a high-caliber site

EDUCATION:

App Academy - Full Stack Web Development Bootcamp, 2022