MOHAMED MOHAMED | Full Stack Software Engineer

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Summary

I'm a promising and passionate full-stack software engineer who is continually growing and learning. By attending a coding bootcamp, I was able to learn how to build web applications across all levels of the stack using various languages, libraries, and frameworks. I have learned how to work in a team and the importance of writing readable and high-quality code. As the industry is evolving, I strive to learn new technologies and continually improve as a developer.

Professional Experience

Full-Stack Software Engineer

Talent Creator Inc. | 03/2022 – 04/2022

- Utilized Trello to break down the project into user stories and small daily deliverables and Zoom to lead daily standup team meetings, adopting Agile and Scrum methodologies.
- Set up a front-end (using React) to display the data received, while paying attention to style, functionality, and features.
- Debugged code across all levels of the stack to maintain software integrity across the codebase.
- Utilized REST API calls to fetch data from a database with access given by the project manager.
- Set up a middleware (using Express and NodeJS) with multiple endpoints to parse JSON data and handle the received data.
- Created caches to allow data persistence throughout the multiple endpoints and to improve overall response time.
- Utilized Axios to send requests from the back-end to the front-end and vice-versa, handling error requests along the way.
- Implemented MUI React Components to aid with designing the front-end components and utilizing responsive web design concepts to ensure compatibility in different screen sizes and resolutions.
- Deployed the front-end using Netlify and the server-side using Heroku, with sensitive information such as API keys stored as environmental variables outside of the source code.

Projects

codewithmoe 07/2022

Worked individually to create a personal portfolio application that showcases my previous projects.

Stack Used: React, CSS.

<u>CryptoNite</u> 02/2022

Led a group in creating a cryptocurrency app that allows crypto hobbyists to browse through popular cryptocurrencies and access crypto-related news.

Stack Used: React, Express, Node.js, PostgreSQL.

FoodSkip 01/2022

Led a group in creating a food application allowing users to place food orders for pickup.

Stack Used: React, Express, Node.js, PostgreSQL.

Education

Diploma in Web Development Honors Bachelor of Sciences Lighthouse Labs | 2021-2022 University of Toronto | 2015-2019

Skills

Languages: HTML5, CSS3, JavaScript, Ruby, C

Frameworks and Libraries: Node.js, React, Ruby on Rails, Express, Axios, jQuery, AJAX, MaterialUI, Bootstrap, SASS

Systems and Databases: Git, SQL, PostgreSQL, Agile, Scrum.

Testing: Cypress, Mocha, Chai, Storybook, Jest