Almutasim Mohamed

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SOFTWARE ENGINEER

I am a highly motivated and skilled full-stack software engineer with a genuine passion for continuous learning and a deep love for honing my problem-solving abilities. My organizational proficiency, coupled with demonstrated leadership skills, enables me to collaborate seamlessly with others to troubleshoot and solve intricate problems. I thrive in collaborative environments where teamwork and effective communication are paramount, contributing to the resolution of complex challenges. Furthermore, my adaptability and flexibility allow me to excel in various environments, fostering harmonious collaboration with diverse individuals and enhancing team productivity. Primary skills include:

LANGUAGES: JavaScript, Ruby, HTML, CSS, SQL

FRAMEWORKS: React.js, Ruby on Rails, Express.js, PostgreSQL

TOOLS: Visual Studio Code, Postman, Github

OTHER: Node.js, MongoDB, Redux, AWS, jQuery, Vanilla DOM

PROJECT EXPERIENCE

Detonator-Dash • *JavaScript* • *Vanilla DOM* • *HTML* • *CSS* • *jQuery* • *Github*   Code • Live

A Fun and Exciting, High scoring, board guessing game built using only Vanilla DOM and HTML & CSS

- Implemented a convert DOM structure to conceal board elements, employing advanced techniques for enhanced user interface sophistication
- Utilized CSS to optimize styling for hidden tiles upon on click interactions for visual presentation

Azon • *React* • *Ruby on Rails* • *SQL* • *PostgreSQL* • *AWS* • *Render*   Code • Live

A Pixel Perfect Full Stack Clone of Amazon

- Implemented a real-time function that dynamically recalibrates shipment dates in accordance with live system updates
- Leveraged AWS services and PostgreSQL to store images and data efficiently in an array structure, optimizing storage and retrieval mechanisms
- Executed a search query algorithm to categorically differentiate products based on specified criteria
- Facilitated persistent cart functionality, allowing seamless addition of products with sustained persistence throughout transactions.

TravelAI • *MongoDB* • *Express* • *React* • *Node* • *OpenAI* • *AWS* • *Render*   Code • Live

A Traveling App that helps users plan their Trip implementing AI technology

- Implemented an AI-driven algorithmic framework utilizing machine learning models to dynamically generate detailed itineraries for trip planning, showcasing advanced technological prowess.
- Deployed a real-time recommendation system for restaurant suggestions based on popularity trends and user preferences.
- Offering real-time activity suggestions considering popularity and user preferences for personalized recommendations.
- Implemented social media and email integration with advanced sharing features for enhanced dissemination across popular platforms.

WORK EXPERIENCE

Family Owned Business • *Retail Store* • Queens, NY   **February 2021 – September 2023**

- After graduating from high school six months ahead of schedule, I have been dedicating myself to both full-time and part-time roles, overseeing operations within my family business. My responsibilities include ensuring the seamless functionality of the business while also prioritizing the establishment of a safe and conducive workspace for all involved.

EDUCATION

Brooklyn Tech • *Coursework in Computer Science* • Brooklyn, NY   **2021 -2023**

- Having completed two years at Brooklyn Tech, I made the deliberate choice to pivot towards a career in coding, opting to forgo a traditional degree. My decision led me to enroll in App Academy, driven by the desire to expedite my career trajectory.

APP ACADEMY • Full Stack Web Development   **Completed October - February 2024**