Abdullahi Ali
Software Engineer
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I am a highly skilled and experienced problem-solver with a strong focus on creating solutions that make a real impact. I have a deep understanding of the needs of internal and external stakeholders, as well as end users, and am committed to developing innovative tools that improve the lives of users. I am a proactive and motivated individual with a passion for growing and learning in the field.

SKILLS

Languages - JavaScript, HTML, CSS, Python | **Libraries and Frameworks** - React, Node.js, Express.js
Database - PostgreSQL, MySQL, MongoDB, Mongoose, FileBase | **Other** - RESTful Routing JSON, Version Control (Git/Github)

SOFTWARE DEVELOPMENT PROJECTS   Sep 2022 - Present

Game of War - Sep 2022
• Utilized Javascript, HTML and CSS to create game logic and style the application.
• Linked visual representation of the game to JavaScript using DOM manipulation and creative element styling.

Bike Trails - Oct 2022
• Designed,developed, and deployed full-stack web application with RESTful service by Node and Express.
• Implemented the back-end in Node.js and Express, using the MangoDB database.

Rendezvous - Nov 2022
• Collaborated to create a full-stack web application utilizing Python and Django
• Implemented databases with Postgresql and Amazon Web Services (AWS)
• Created application with a mobile-first approach and styled the application usingStyled-Components, Materialize and CSS3 with flexbox layouts

Sam StreetWear - Dec 2022
• Used React.js to serve the front end with Javascript methods and functions.
• Styled and created visually appealing user interfaces using HTML5, CSS3, and the Material-UI(MUI) library, ensuring a modern and intuitive design
• Integrated the OpenAI API to provide advanced customer support functionalities, leveraging natural language processing algorithms to deliver personalized interactions with users.
• Implemented MongoDB as the database solution, ensuring efficient data storage and retrieval for the application.
• Developed Restful APIs using Express.js and Node.js, facilitating smooth communication between the front-end and back-end components for seamless data exchange.
• Implemented authentication and authorization mechanisms, ensuring secure access to protect user data from unauthorized usage.
• Conducted comprehensive testing and debugging to identify and resolve any issues or bugs, ensuring a smooth and error-free user experience.

BYB NFT Marketplace - Feb 2023 - current
•Developed a music platform on the blockchain to provide a more decentralized and user-friendly experience for music creators and listeners
•Utilized filebase for the database, blockchain technology for decentralization and security, and implemented NFTs for ownership representation to provide more revenue streams for artists and a more secure way to manage ownership and royalties
•Utilized the Xumm API for payments to provide a seamless and secure payment experience for users
•Utilized React for the front-end development and express for the back-end development of the platform
•Contributed to the ongoing development of the platform, including plans to expand the types of creative works that can be uploaded and improving the user experience for both creators and listeners

PROFESSIONAL EXPERIENCE
Freight Dispatcher Manager | Dira Transport   Feb 2016-2022

- Managed a team of 3 freight coordinators to ensure the timely and accurate delivery of customer orders, while maintaining high standards for quality control
- Maintained knowledge of current industry regulations and best practices in order to provide customers with the highest level of service possible
- Developed relationships with vendors to negotiate competitive pricing on products and services required by the company.
- Managed the day-to-day operations of a $1M+ annual budget, including payroll, travel expenses and equipment maintenance
- Reduced operating costs by implementing more efficient routing practices (improved fuel efficiency 15%)
- Improved on-time delivery rate from 85% to 97% through better scheduling practices

EDUCATION

GENERAL ASSEMBLY | REMOTE   **September- December 2022**

Full-stack software engineering immersive student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

HUMBER COLLEGE   **January 2016-2020**

Completed Business Administration Co-op advanced diploma program, gaining extensive knowledge of business operations and developing critical skills such as communication, teamwork, project management, and strategic business analysis. Also emphasized leadership development, including strategic thinking, negotiation, problem-solving, and time management. Built on a foundation of business principles including management, marketing, business law, finance, and microeconomics.