MUHAMMED

SULAIMON

BACKEND DEVELOPER

+2347069259281
Lagos, Nigeria 101283
sulaimonmuhammed707@gmail.com

github.com/maniesjr12 • linkedin.com/in/muhammed-Sulaiman

PROFESSIONAL SUMMARY

A back-end developer with over a year of experience creating and managing complex server-side applications.Proven ability to design and implement scalable architecture solutions. Technical expertise in NodeJS, ExpressJS, MongoDB, and MySQL.

WORK HISTORY

Printzuri • **Backend Developer**

Lagos - January 2024 - October 2024

Printzuri

- Implemented weighted randomisation and random selection algorithms to ensure dynamic and personalised product displays on the homepage, improving user engagement and reducing content fatigue.
- Played a key role in designing the backend architecture, ensuring scalability, maintainability, and efficient data flow between different modules of the e-commerce application.
- Successfully handled complex database operations using Prisma ORM, including managing product-related data and optimising. queries for efficient data retrieval.
- Designed and integrated caching mechanisms and pagination strategies to handle large datasets, significantly improving API response times and overall application performance.
- Dockerised the application to streamline development workflows and ensure consistent deployment environments.
- Deployed the platform to AWS, leveraging services such as EC2 and S3 for scalable and secure infrastructure management.
- Integrated Redis for session management and caching, enhancing server performance and reducing latency in user interactions.

Ready Social • NodeJs BackEnd Developer

Lagos - July 2023 - November 2023

Ready Social

- Developed server-side components for web applications using Node.js, driving project success from conception to execution.
- Engineered a robust user authentication and authorisation system utilising JSON web tokens (JWT), ensuring heightened security measures and user privacy.
- Architected and streamlined MongoDB database structure, enhancing data management efficiency and scalability.
- Implemented intricate business logic across a variety of API endpoints, contributing to a seamless user experience and optimised functionality.
- Optimised API endpoint performance through strategic caching strategies and request batching techniques, resulting in improved system responsiveness and resource utilization.
- Developed a sophisticated matching algorithm for a dating app project, leveraging Bullmq for efficient task management and resource allocation.
- Demonstrated exceptional coding proficiency, adept problem-solving skills, and a collaborative spirit within the development team, fostering a dynamic and productive work environment.

SKILLS

- Proficient in building server-side applications and APIs using Node.js and Express.
- Skilled in implementing RESTful architecture to ensure efficient communication between client and server.
- Expertise in MongoDB, adept at designing and optimizing database structures for scalable and efficient data management.
- Familiarity with PostgreSQL, including schema design, query optimization, and data integrity maintenance.

- Strong command of TypeScript for building type-safe and scalable applications.
- Experience with ORM frameworks such as Sequelize and Prisma for simplified database interactions and enhanced productivity.
- Proficient in Docker for containerizing applications, ensuring consistent environments and simplified deployment processes.
- Skilled in deploying and managing applications on AWS, leveraging services like EC2, S3, and RDS for scalable and secure infrastructure.
- Experienced in Redis for caching and session management, enhancing application performance and reducing latency.
- Proficient in version control using Git/GitHub, facilitating collaborative development and code management.
- Skilled in continuous integration and deployment (CI/CD) pipelines, utilizing GitHub Actions for automated testing and deployment processes.
- Competent in Firebase for real-time database management, authentication, and cloud functions.
- Knowledgeable in API testing methodologies, with hands-on experience using Jest for comprehensive test coverage and validation.
- Worked closely with cross-functional teams, including product designers and front-end developers, to ensure seamless integration of backend services with the user interface.

EDUCATION

Computer Science Higher National Diploma • Yaba College of Technology - (HND). 2021 - 2023

National Diploma Computer Science • Kwara State Polytechnic, Nigeria. 2017 - October 2019.