

MOHAMMED IBRAHIM

FULL STACK ENGINEER

Coventry, UK, [LinkedIn](#) | [GitHub](#) | Mr.hamood277@gmail.com | <https://mohammedhaydar.com> | Tel: [07767002516](tel:07767002516)

Professional Summary

Professional Frontend Web Developer with 5+ years of experience building high-performance applications that solve real-world problems. Proven track record of delivering impactful projects, from e-commerce platforms to data-driven solutions, with a focus on efficiency and user experience. Passionate about creating innovative digital solutions to contribute to projects that make a lasting impact.

Education

First Class Honours BSc Science in Information Technology

Middlesex University - London, UK

Core Modules

- **Advanced Web Development with Big Data:** Enhanced my skills on OOP, AWS SageMaker to train AI models, I learned using Lambda functions and how to trigger them on events, as well as using DynamoDB for scalable data storage.
- **Web-Based Mobile App Development:** Built PWA which taught me how to handle caching to offline-serve web apps on Mobiles, using Vue.js to build the frontend of the school lessons booking system app, hosting the app statically on GitHub pages, as well as handling the backend on AWS Elastic Beanstalk, to deploy the apps I used CI/CD pipelines, and Load balancer.
- **Undergraduate Individual Project:** Created a Restaurant Management and Online Ordering System, which I used my skills in Next.js, MongoDB for database management, and built authentication system which is connected to AAuth (Google) using their API to authenticate. The system focused on restaurants managing their clients, menu items, as well as managing employees.

Skills

Technical Skills

- Full-stack web development: Using Next.js, Typescript, Shadcn, and zustand on the frontend , Node.js, Express.js, and Nest.js on the backend.
- Databases: Mainly working with (PostgreSQL, MySQL) using Drizzle-ORM, Prisma-ORM, and for non relational databases I excel at MongoDB.
- Servers and hosting: Using S3 service on AWS to host as main uploading services, and Cloudinary.

Soft Skills

- Leadership: Led a team of developers to build a CRM system, breaking down client requirements into actionable tasks, which improved development efficiency by 45% and delivered the project ahead of schedule.
- Problem-Solving: Resolved performance issues in the Restaurant Management System, improving load times by optimizing resource usage and caching strategies.

PROJECTS

Restaurant Management and Online Ordering System

December 2024 – January 2025

Role: Full Stack Developer

<https://restaurant-app.technodevlabs.com>

- Improved user satisfaction by 35% with a real-time order tracking system and a secure payment gateway.
- Increased operational efficiency by 25% by developing a vendor dashboard to manage inventory, track sales, and generate automated reports.
- Improved website performance by 10%, reducing page by only loading the necessary recourses on the page, as well as caching strategies.
- Enhanced user retention by 30% with a mobile-first design using TailwindCSS, ensuring seamless navigation across devices.

CRM System

September 2023 – January 2024

Role: Full Stack Developer

<https://crm.technodevlabs.com>

- Built a scalable CRM system to streamline task management for businesses.
- Collaborated with the frontend team to design interactive user interfaces, ensuring seamless navigation and functionality.
- Developed backend logic to manage user roles (Admin, Supervisor, Employee, Customer) and task assignment workflows.
- Integrated authentication using Auth.js for secure role-based access.

Data Management Centre

January 2023 – March 2023

Role: Website Designer & Developer

<https://dmcqtr.com>

- Designed and developed a responsive, mobile-first website for a data analytics firm, boosting user traffic by 15% and leads by 5%.
- Worked with the frontend team to implement data visualization dashboards using React.js and Chart.js for interactive insights.
- Developed backend APIs to securely fetch and manage sensitive data from the firm's database.

Shms Agricultural Investing Platform

September 2022 - December 2022

Role: Lead Full Stack Developer

A platform designed to enhance agricultural investment among investors by offering diverse agricultural projects and opportunities.

<https://shmsagricultural.com>

- Engineered a Next.js platform facilitating £500K in investments.
- Enhanced user engagement through robust account management and intuitive navigation.

Sudan Academic Journal for Research and Science

September 2016 – May 2017

Role: Full Stack Developer

<http://sudanacademicjournalresearch.online>

- Created a journal platform with advanced search functionality and security features, using PHP, JavaScript, and Bootstrap, which is hosted in a configured VPS for optimal performance
- Optimised the platform for performance on a configured VPS.

References available upon request.