

MUBARAK MUHAMMAD

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Education

Bayero University, Kano

B.Sc Geology, CGPA 4.1/5.0

Kano, Nigeria

March 2019 - March 2024

Zero To Mastery

The Complete Web Developer 2020

January 2021 - November 2021

The Complete C# Course 2020

March 2023 - August 2023

Skills

Languages

JavaScript, TypeScript, C#, HTML5 & CSS3, SQL

Databases

PostgreSQL, MongoDB

Frameworks

React.js/ts, React Native, Node.js/ts, Asp.Net Core MVC, Web API, Bootstrap

Tools

Git, Jira, Heroku, Docker, Jupyter Notebook

Experience

Mind Expanders

February 2024 – Present

Web Developer

- Redesigned the contact page of the main website which provided a user-friendly interface that increase user engagement by 3% using JavaScript, HTML5 and CSS3

Fiver

April 2023 – November 2023

Freelance Software Engineer

- Created a face detection app using ReactJS and the Clarifai API, developed an intuitive user interface that allowed users to upload images for analysis.
- Integrated the powerful face detection capabilities of the Clarifai API to accurately identify and highlight faces in uploaded images, provided real-time feedback to users, enabling them to visualize and locate faces within the images.

Afamma Technologies

February 2022 – March 2023

Software Engineer

- Redesigned a custom e-commerce website from scratch using ReactJS and Node.js, delivering a tailored solution to meet the client's specific needs, with features like lazy loading which optimize web app performance by 13%.
- Successfully integrated payment gateways and implemented a customized checkout flow, resulting in a streamlined and secure purchasing process for customers, lowering company's cost by 5%.

Projects

Departmental Web App

March 2024 – Present

- Created departmental web application using React.Ts, Asp.Net Core Web API and PostgreSQL, developed an intuitive user interface that allows users to view, upload and download department documents.
- Integrated Dropbox API to develop a user friendly interface enabling easy download and upload of resources
- Designed REST API using Flask-based JWT authentication.

Geological Data Prediction

January 2024 – April

2024

- Utilized radiometric, gravity, and magnetic data to predict lithological changes in a geological area, integrated Processed and gridded the data using Oasis Montaj, where each line of the grid had associated values.
- Applied RandomForestClassifier to predict numerical inputs for each grid line, improving the accuracy of geological predictions, leveraged K-Nearest Neighbor to fill gaps in the data, ensuring complete datasets for analysis with 67% accuracy.

Languages

- English
- Hausa
- Arabic