ECHIODA MATHIAS

Software & Engineering Graduate | Full-Stack–Oriented Developer

Nigeria

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PROFESSIONAL SUMMARY

Engineering student with strong interest in both software development and system design. Experienced in building and deploying web applications using React and Next.js, with solid academic grounding in computer architecture, databases, and engineering project design. Demonstrates practical problem-solving ability through hands-on projects, structured documentation, and leadership experience at national level.

TECHNICAL SKILLS

Software Development:
React, Next.js, JavaScript, HTML5, CSS3, Tailwind CSS

Systems & Engineering Concepts:
System design, basic embedded systems concepts, automation fundamentals, remote systems

Databases & Computing:
Database Management Systems (DBMS), SQL fundamentals, computer architecture, parallel processing concepts

Tools & Platforms:
Git, GitHub, Vercel, VS Code

Professional Skills:
Technical writing, documentation, analytical thinking, teamwork

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PROJECTS

Ambush and Mine Detection Tanker for Modern Warfare (Final Year Project)

- Designed a modern engineering solution for hostile environment navigation

- Integrated obstacle detection and mine detection subsystems

- Implemented remote-controlled operation to reduce human risk

- Included long-range camera surveillance capability (up to 500m)

- Focused on automation, situational awareness, and system reliability

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Framez Social Media App

- Developed a social media web application using React

- Implemented user authentication, post creation, and real-time interactions

- Designed a responsive interface with modern UI patterns for smooth user experience

- Structured the project to demonstrate scalable component architecture and maintainable code

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HNG Ticket App

- Developed a ticketing web application using React and JavaScript

- Implemented dynamic event listing, ticket booking, and user interface components

- Designed a responsive layout to ensure usability across devices

- Focused on maintainable code structure and scalability for future feature additions

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Web-Based Receipt Generator

- Developed a dynamic web application for generating realistic retail receipts

- Implemented structured item listings, pricing logic, and receipt formatting

- Added custom branding support, including logo integration

- Deployed and maintained the application using Vercel

Personal Portfolio Website

- Designed and built a responsive portfolio using React

- Implemented animations and modern UI patterns

- Structured content to clearly present projects and technical growth

ACADEMIC & TECHNICAL EXPOSURE

- Software Engineering Principles

- Database Management Systems

- Computer Architecture and Parallel Processing

- Embedded Systems Fundamentals

LEADERSHIP (SECONDARY)

Youth Leadership Delegate (National Level)

- Represented youth at a national-level assembly

- Participated in structured leadership discussions and coordination activities

ADDITIONAL INFORMATION

- Comfortable working across software and engineering problem domains

- Actively improving skills through self-directed learning and project iteration