

Ugochukwu Meshach

Full-Stack Software Engineer | React Next.js TypeScript Node.js MongoDB
Lagos, Nigeria | +234 703 998 7705 | ugochukwumeshach5@gmail.com
[Portfolio](#) |  [GitHub](#) |  [GitHub Alt](#) |  [LinkedIn](#)

Professional Summary

Results-driven Full-Stack Software Engineer specializing in high-performance, scalable web applications using React, Next.js, TypeScript, Node.js, and MongoDB. Delivered production-grade features and end-to-end platforms serving real users during a software engineering internship at Sage Institute / Pluracode Academy. Recipient of a fully funded Generative AI Scholarship for technical excellence. Passionate about clean architecture, performance optimization, secure APIs, and delivering measurable business impact through intuitive, user-centric solutions.

Core Technical Skills

Languages & Frameworks: TypeScript, JavaScript (ES6+), React, Next.js, Node.js, Express.js
Styling & UI: Tailwind CSS, Bootstrap, Responsive Design
Database & Backend: MongoDB (Indexing, Query Optimization, Data Modeling), RESTful APIs, JWT Authentication, Role-Based Access Control
DevOps & Tools: Vercel, Railway, Cloudinary, Git, GitHub, CI/CD Pipelines
Performance & Architecture: Core Web Vitals, SSR/SSG, Lazy Loading, Clean Architecture

Professional Experience

3.1 Full-Stack Software Engineer May 2025 – Oct 2025

[Live Demo](#) | [GitHub](#)

Sage LMS Platform — Pluracode Academy / Sage Institute

- Designed and implemented scalable backend architecture supporting 500+ active users on the Sage LMS platform.
- Optimized MongoDB queries and indexing strategies, improving API response times by 40% and enhancing overall platform performance.
- Developed secure RESTful APIs with JWT authentication and role-based authorization to protect sensitive user data.
- Integrated Cloudinary for efficient media asset management and implemented automated CI/CD deployment pipelines using Vercel and Railway.
- Collaborated in an Agile environment to deliver production-ready features from concept to deployment.

Key Projects

4.1 HirePilot — AI-Powered Job Matching Dashboard

[Live Demo](#) | [GitHub](#)

- Built a dynamic AI-driven dashboard that analyzes job listings and matches them to user profiles with real-time scoring.
- Implemented interactive features including detailed job views, one-click applications, and responsive UI using React and Bootstrap CSS.
- Designed and consumed mock APIs to simulate production job-matching workflows, demonstrating scalable frontend architecture.

4.2 Ugobueze Gift Card Redemption & Referral Fintech Platform

[Live Demo](#) | [GitHub](#)

- Developed a secure full-stack fintech application featuring referral tracking, leaderboard analytics, and real-time balance updates.
- Implemented JWT-based authentication, secure input validation, and admin approval workflows with MongoDB backend.
- Architected scalable APIs and data models to support growing user transactions and referral systems.

4.3 Zutech — E-Commerce Platform

[Live Demo](#) | [GitHub](#)

- Engineered a high-performance e-commerce platform using Next.js SSR/SSG, achieving 1.7s Largest Contentful Paint (LCP).
- Built complete order lifecycle management including admin dashboards, inventory tracking, and transaction workflows.
- Optimized SEO and Core Web Vitals, resulting in improved user experience and search engine rankings.

Education & Awards

- Software Engineering Internship — Pluracode Academy / Sage Institute (2025)
- Fully Funded Generative AI Scholarship Recipient — Merit Award for Technical Excellence (2026)

Additional Information

- Strong advocate for performance-driven development, secure coding practices, and scalable system design.
- Experienced working in Agile teams with a focus on delivering high-quality, production-ready applications.
- Passionate about leveraging modern web technologies to solve real-world business challenges.