

CHINONYE OJUKWU

Full-Stack Developer | React, Node.js, MongoDB

 Lagos, Nigeria

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SUMMARY

Full-Stack Developer who builds systems that solve tangible problems and deliver measurable impact. Designed, architected, and launched Attendly—a production-ready QR attendance platform that eliminates paper waste and saves Nigerian university lecturers 10+ hours of manual work per semester. Proficient in the React, Node.js, and MongoDB stack, with a focus on clean architecture, performance optimization, and shipping products users rely on.

EXPERIENCE

Full-Stack Developer & Founder | Attendly

September 2025 – Present | Lagos, Nigeria (Remote)

- Designed and developed **Attendly**, a QR-based attendance system that replaces manual paper processes in Nigerian universities, saving lecturers **10+ hours per semester** and eliminating **80-100 sheets of paper waste per course**.
- Built the full-stack platform end-to-end using **React, Node.js, Express, and MongoDB**, implementing **JWT authentication, Google OAuth, and multi-role access** for admins, lecturers, and students.
- Solved key technical challenges including **account linking, session duplication prevention, and post-enrollment attendance logic** to ensure data accuracy and system reliability.
- Optimized database performance by refining **MongoDB aggregation pipelines**, reducing complex report generation times **from seconds to under 200 milliseconds**.
- Developed **real-time dashboards** supporting large classes without performance loss, featuring QR session management, auto-calculated attendance percentages, eligibility tracking, and PDF reporting.
- Shipped a fully deployed, production-ready application used by lecturers to automate attendance, demonstrating ability to **own a product from idea to launch**.

SKILLS

Frontend: React, JavaScript (ES6+), Tailwind CSS, HTML5, CSS3

Backend: Node.js, Express, REST APIs, JWT Authentication

Database: MongoDB, Mongoose, Aggregation Pipelines, Data Modeling

Tools & DevOps: Git, GitHub, Render, Postman

Core Competencies: Problem Solving, Full-Stack Architecture, Performance Optimization, System Design

LANGUAGES

English (Fluent)

PROJECTS

Attendly - QR-Based University Attendance System

- A full-stack platform that digitizes and automates attendance tracking in Nigerian universities.
- Implements QR-code session creation, real-time dashboards, automated reporting, and eligibility calculation.
- Built with React, Node.js, MongoDB, and deployed on Render.

AI Note-Taking Assistant

- Intelligent note organizer with semantic search using OpenAI API and Supabase for real-time data sync.
- Implemented clean React interface with tagging, filtering, and markdown support.

DevLinks

- Customizable link-sharing platform with user authentication, theme toggling, and link analytics.
- Utilized Supabase for backend services and PostgreSQL database management.

EDUCATION

University of Lagos, Nigeria

B.Sc. Political Science (In View)

2023 – 2027 (Expected)