CHINONYE OJUKWU

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

📍 **Lagos, Nigeria**

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Portfolio | **Github** | **LinkedIn**

SUMMARY

Full-Stack Developer who builds systems that solve real problems and deliver measurable impact. Designed and launched Attendly—a production-ready QR attendance platform serving 1,000+ students that eliminates paper waste and saves university lecturers 10+ hours per semester. Proficient in React, Node.js, and MongoDB, with focus on clean architecture, performance optimization, and shipping products users rely on.

EXPERIENCE

Full-Stack Developer & Founder | Attendly

October 2024 – Present | Lagos, Nigeria (Remote)

- Designed and developed Attendly, a QR-based attendance system replacing manual paper processes in Nigerian universities, saving lecturers 10+ hours per semester and eliminating 80–100 sheets of paper waste per course

- Built full-stack platform end-to-end using React, Node.js, Express, and MongoDB, implementing JWT authentication, Google OAuth, and role-based access control for admins, lecturers, and students

- Solved complex technical challenges including OAuth account linking without duplication, race-condition prevention for concurrent sessions, and post-enrollment attendance calculation to ensure data accuracy

- Optimized database performance through MongoDB aggregation pipelines, reducing report generation from 2 seconds to under 200ms (90% improvement) for classes with 100+ students

- Developed real-time dashboards with QR session management, automated attendance tracking, eligibility calculation, and PDF report generation—serving 1,000+ students with zero performance degradation

- Shipped fully deployed, production-ready application demonstrating ability to own a product from conception through architecture, development, deployment, and maintenance

TECHNICAL PROJECTS

Smart Note Taker – AI-Powered Note Management

LIVE SITE |**REPO URL**

- Built intelligent note-taking application with AI-powered tag generation, reducing manual categorization time by 70%

- Implemented full CRUD operations, advanced search across titles/tags/content, archive system, and theme customization (light/dark modes with font selection)

- **Tech Stack: React, Node.js, MongoDB, AI Integration (tag generation), Authentication with password reset**

DevLinks – Developer Link Sharing Platform

LIVE SITE | **REPO URL**

- Created link aggregation platform with drag-and-drop reordering, real-time mobile preview, and shareable custom profiles

- Implemented secure authentication, profile image upload, and URL validation with pattern matching for 15+ social platforms

- Utilized Supabase for backend services, PostgreSQL for data persistence, and real-time synchronization

- **Tech Stack: React, Supabase, PostgreSQL, Authentication, Drag & Drop (react-beautiful-dnd)**

TECHNICAL SKILLS

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

Backend: Node.js, Express, REST APIs, JWT Authentication, OAuth 2.0

Database: MongoDB, Mongoose, PostgreSQL, Aggregation Pipelines, Query Optimization

Tools & DevOps: Git, GitHub, Vercel, Render, Postman, Supabase

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

EDUCATION

University of Lagos, Nigeria

B.Sc. Political Science (In View)

Expected Graduation: 2027

ADDITIONAL INFORMATION

Languages: English (Fluent)

Availability: Open to full-time roles and freelance opportunities