

MAYOKUN AREOLA

Full Stack Developer

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SUMMARY

I am a Full Stack Developer with a strong focus on creating user-centric, high-performance applications. With extensive experience in both frontend and backend technologies, I excel at building scalable solutions and optimizing user experiences. My background in smart contract development further enhances my ability to tackle complex challenges. I am passionate about delivering quality code and driving innovative solutions in technology.

TECHNICAL SKILLS

Languages & Frameworks: HTML, CSS, JavaScript, TypeScript, React.js, Next.js, Node.js, PHP, Solidity, Python

Backend: Express.js, Laravel, MySQL, MongoDB, PostgreSQL, Firebase

Tools & Libraries: Tailwind CSS, Redux, React Query, Styled-Components, Shadcn, Framer Motion, Prisma, Hardhat, Ethers.js, Composer, GraphQL, REST APIs

Platforms & Practices: GitHub, Vercel, CI/CD, Figma, Pusher, Version Control

WORK EXPERIENCE

Frontend Developer

Vantage Point Solutions | Remote

Sep 2024 – Mar 2025

- Spearheaded the development of "TurningWays," an AI-driven church management platform using Next.js.
- Implemented responsive UIs to manage 500+ member records, giving, and event scheduling.
- Collaborated with backend engineers to optimize API consumption, reducing API response times by 35%.
- Contributed to feature rollouts that improved admin task efficiency by 60%

Backend Developer Intern

Investment One Financial Services | Lagos, Nigeria

Mar 2024 – Sep 2024

- Engineered and maintained over 6 backend APIs supporting loan and customer modules in a banking app.
- Integrated automated reporting features, cutting down manual report generation time by 75%.
- Worked with QA team to resolve 30+ backend bugs during development sprints.
- Improved system performance and scalability, leading to a 40% faster data retrieval rate.

PROJECTS

UniVote | Decentralized Voting System

- Developed a full-stack blockchain-based voting system with React, Node.js, and Solidity.
- Implemented secure ECDSA-based signature verification for 200+ test users with 100% success rate.
- Enabled department-level voting access control using off-chain matric number validation, reducing vote ineligibility errors by 80%.
- Live Link: [Univote](#)

WasteWise | Smart Waste Management Optimization App

- Built an intelligent route optimization tool for municipal waste collection using FastAPI and graph algorithms.
- Improved route efficiency by 40% by implementing Dijkstra's algorithm.

- Visualized collection routes with bin status indicators (e.g., full, available) and optimized pickup paths.
- Stored historical data and enabled querying to improve operational decision-making.
- Live Link: [WasteWise](#)

Portfolio Website | Personal Developer Showcase

- Designed and developed a responsive portfolio site using Next.js, Styled-Components, and Framer Motion.
- Attracted over 300 unique visitors in the first month through integrated SEO and social links.
- Showcases personal projects and work history in a sleek, performance-optimized layout.
- Integrated contact form and GitHub and LinkedIn embeds to improve outreach and networking.
- Live Link: [Mayokun](#)

EDUCATION

B.Sc. Computer Science

Covenant University | Ota, Nigeria

Sep 2021 - Present

- GPA: 4.2/5.0
- Relevant Coursework: Data Structures & Algorithms, Distributed Systems, Software Engineering, Database Management.

INTERESTS

- **Mentoring & Community Engagement:** Participating in tech community events and mentoring future developers
- **Hobbies:** Enjoys anime, playing scrabble, and video games in spare time.