

Obadimeji David

Software Developer - Full-Stack

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PROFILE SUMMARY

Full-Stack Developer with 3 years of hands-on experience designing, developing, and deploying responsive web applications. Skilled in React.js, Next.js, Node.js, and Express.js with strong database experience. Proven ability to deliver end-to-end solutions, from building user interfaces to managing backend APIs and deploying on platforms like Vercel and Render. Adept at collaborating with cross-functional teams, leading engineering efforts, and translating ideas into scalable products.

SKILLS

HTML5 | CSS3 | JavaScript | TypeScript | React.js | Next.js | Tailwind CSS | Sass | Node.js | Express.js | EJS | MySQL | PostgreSQL | MongoDB | SQLite | Git | GitHub | VSCode | Vercel | Render

EXPERIENCE

Backend Engineer | MediCheck — AI-Powered Drug Verification Platform

- Architected a secure partner API platform by extending a monolithic backend to support machine-to-machine integrations, enabling external manufacturer adoption and reducing partner integration effort by 60%.
- Designed and implemented API key-based authentication and extended Clerk-based web authentication to coexist seamlessly with API key authentication, serving both human and machine requests seamlessly.
- Implemented middleware-level rate limiting and request auditing for partner APIs, preventing abuse and enabling per-key usage tracking; improved operational visibility by capturing 100% of partner API access events.

Software Developer (Independent Project) — [LASULEARN \(Virtual Learning Platform\)](#) | May 2025 – Sep 2025

- Developed a full-stack virtual learning platform with intelligent playback-based attendance, quizzes, and discussion forums for universities.
- Increased lecture completion by 35%, improved attendance accuracy by 75%, and achieved 4.8/5 user satisfaction in testing.
- Built a scalable architecture using Node.js, Express, PostgreSQL, and Next.js, maintaining 99.8% uptime and ~250 ms response time.

IT Intern | Aeroland Travels Limited | Lagos, Nigeria | May 2024 – Sep 2024

- Developed and deployed a full-stack customer review management system using React, Node.js, Express, and MySQL.
- Improved response time for customer feedback by 40% through streamlined data flow.
- Optimized system performance by resolving an average of 15+ technical issues monthly, reducing downtime by 20%, and ensuring 99% system uptime

EDUCATION

Lagos State University

Bachelor of Science (B.Sc.) in Computer Science | First-class

PROJECTS