David Ojo

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WORK EXPERIENCE

Full-stack Developer   Nov 2024 – March 2025
Mardell, Remote
- Architected and developed a full-stack room booking application using **Next.js, TypeScript, and Express**, ensuring a seamless user experience for students and admins.
- Implemented **secure authentication and role-based access control**, integrating **Google OAuth and JWT-based authentication** with PostgreSQL (Neon) and Drizzle ORM.
- Designed and managed **AWS S3 storage**, enabling secure file uploads for student registrations and public room image hosting, with granular access control via signed URLs and IAM policies.
- Built an admin dashboard for reviewing and managing student registrations, leveraging **AWS services, PostgreSQL queries,** and efficient **RESTful API endpoints** for real-time data processing.

Technical Support Representative   Aug 2024 - Oct 2024
IntouchCX, Winnipeg, MB
- Resolved customer issues in real time across various platforms, leveraging analytical thinking and **problem-solving** skills to diagnose and troubleshoot complex technical problems.
- Created and maintained detailed logs of recurring issues and collaborated with cross-functional teams to escalate and resolve systemic technical faults.
- Communicated clearly and effectively with users of diverse technical backgrounds, adjusting tone and detail to ensure customer understanding.

Frontend Developer   `   Apr 2022 - Sept 2022
MorDeals, Remote
- Led a 3-person web development team, collaborating closely with a UI designer to translate design mock-ups into a functional and responsive web application.
- Refactored 60% of the frontend codebase, creating a library of well-documented, reusable **React/TypeScript components** that standardized common UI patterns and reduced code duplication significantly.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, C#, Python, SQL, Java, PHP, HTML, CSS, Solidity.

Frameworks/Libraries: React.js, Next.js, Node.js, Express.js, ASP.NET, Tanstack Query, TailwindCSS

Tools: PostgreSQL, AWS, MongoDB, Git, Vercel, Heroku, Neon

NOTABLE PROJECT

One Brew
https://onebrew.vercel.app/
- Designed and developed a full-stack e-commerce app using **React**, **Next.js**, and **TypeScript**.
- Developed extensive REST API using Express.js and PostgreSQL.
- Integrated **Stripe** for secure payment processing and **Auth0** for authentication.

EDUCATION

University of Manitoba, Winnipeg, Manitoba   Sept 2021 - Jun 2024
MSc. in Computer Science
- **Courses:** Blockchain Systems, Advanced Data mining, Approximation Algorithms, Security and Privacy

Afe Babalola University, Ado-Ekiti, Nigeria   Sept 2015 - Oct 2019
BSc. in Computer Science
- **Courses:** Data Structures and Algorithms, OOP in Java, System Analysis and Design, Software Engineering