David Ojo

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WORK EXPERIENCE

Full-stack Developer   **Nov 2024 - Present**
Mardell, Remote
- Designed and developed a room booking web application for university students, featuring user authentication, enabling reservations for specific date ranges and real-time room availability using **TypeScript** and **Next.js**.
- Implemented secure and scalable backend functionality using **Express** and **MongoDB**, enabling students to view, book, and cancel room reservations with dynamic updates.
- Optimized frontend performance and user experience, delivering **responsive design** and achieving **accessibility** compliance, ensuring inclusivity for diverse user groups.
- Integrated admin-facing features for future scalability, including room configuration, booking approvals, and **CSV-exportable reports**, enabling efficient management for admins.

Technical Support Representative   **Aug 2024 - Oct 2024**
IntouchCX, Winnipeg, MB
- Demonstrated strong analytical and **problem-solving** skills by navigating multiple systems and tools to diagnose, research, and resolve technical issues in a fast-paced environment.
- Delivered efficient technical support, resolving customer issues promptly while ensuring high satisfaction.

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 80% of the codebase by writing reusable components in **Typescript** and **React.js**; and creating appropriate documentations, eliminating 10% of tech debt.

TECHNICAL SKILLS

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

Frameworks and Libraries: React.js, Next.js, Node.js, Express.js, Tanstack Query, TailwindCSS, Mocha.js

Tools: PostgreSQL, 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.
- Implemented real-time product filtering and full-text search functionality.

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