DAVID GEORGE **IROEGBU**

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PROFILE

A skilled software developer with over five years of progressive experience in front-end and back-end web development, working across diverse industries such as G2S Global Investment, Ohealth Telemedicine, Labspace, and Personal Services. Proficient in designing and building responsive, user-friendly web applications, with expertise in modern frameworks and development tools. Experienced in creating scalable back-end systems, optimizing performance, and integrating APIs, with a strong focus on delivering high-quality, efficient, and innovative software solutions while implementing robust security and authorization methods to ensure access is restricted to authorized users only.

SKILL AND CORE COMPETENCIES

- Front-End Development: React.js, Next.js, TailwindCss, Responsive Design
- Back-End Development: Node.js, Express.js, Server-Side Scripting
- Languages: JavaScript, TypeScript
- Database Management: PostgreSQL, MongoDB, Database Design
- API Development: RESTful APIs, API Integration
- Security: Authentication & Authorization Best Practices
- Tools & Practices: Git Version Control, Caching Mechanisms
- Payment Systems: Payment Gateway Integration

EXPERIENCE

FULL STACK WEB DEVELOPER – Labspace Neuro Lab, Akure, Ondo State   **November 2024 – January 2025**

- Developed a comprehensive job tracking and project management system for Labspace Neuro Lab using Next.js, Node.js, and PostgreSQL, enabling efficient workflow from client intake to project completion.
- Designed a responsive front-end with Next.js, allowing lab managers to assign projects to technicians, monitor progress, and track project statuses in real time.
- Built a scalable back-end with Node.js and PostgreSQL to manage job assignments, store payment records, and provide detailed tracking of project milestones and financial transactions.
- Implemented RESTful APIs to facilitate seamless data exchange between the front-end and database, supporting features like job updates, technician assignments, and payment status monitoring.
- Integrated secure authentication and role-based access controls to ensure that only authorized personnel could access sensitive project and payment data, enhancing system security.

BACKEND DEVELOPER – Ohealth Telemedicine, Oyo, Ibadan   **March 2024 – September 2024**

- Collaborated with front-end teams to integrate back-end services into Ohealth Telemedicine's platform, enabling seamless patient management, virtual consultations, and real-time interactions.
- Designed and implemented a secure payment gateway to facilitate seamless transactions for telemedicine services, ensuring compliance with financial security standards.
- Developed RESTful APIs using Node.js to support chat and video calling functionalities, integrating third-party services for real-time communication between patients and healthcare providers.
- Optimized PostgreSQL database queries to enhance performance for critical features like appointment scheduling, patient record retrieval, and secure data handling.
- Implemented OAuth2-based authentication mechanisms to protect sensitive patient data, ensuring compliance with healthcare privacy regulations while monitoring system performance for reliability.

FULL STACK WEB DEVELOPER – Shades by Design (freelance)   **January 2024 – March 2024**

- Developed a custom CRM web application for Shades by Design using Next.js and Node.js, streamlining customer relationship management and business operations.
- Designed and implemented a dynamic, responsive front-end with Next.js, enhancing user experience for managing client data and interactions.
- Built a robust back-end system with Node.js, integrating PostgreSQL as the DBMS to efficiently store and retrieve customer records and transactional data.
- Created and deployed RESTful APIs to enable seamless communication between the front-end and PostgreSQL database, supporting real-time updates and reporting features.
- Ensured data security and user access control by implementing authentication and authorization protocols, protecting sensitive customer information.

FULL STACK WEB DEVELOPER – G2S Global Investment, Ile-Ife   **February 2023 – November 2023**

- Designed and developed a sales and inventory web application using React, PostgreSQL, and MongoDB, improving store efficiency with a responsive front-end and scalable back-end.
- Built and integrated RESTful APIs to enable real-time data flow between the interface and databases, supporting features like stock updates and sales reporting.
- Implemented secure authentication and authorization protocols to protect sensitive data, ensuring access was limited to authorized users.
- Collaborated with stakeholders to define requirements, deliver tailored solutions, and perform testing for stability and cross-browser compatibility.

EDUCATION

BACHELOR OF ENGINEERING IN MECHANICAL ENGINEERING   **December 2024**

Federal University of Technology, Akure, Ondo State, Nigeria

LANGUAGES

English

Fluent