Martins Obomate Okanlawon

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https://theprimotionstudio.vercel.app

Education

BSc in Computer Science
Rivers State University, 2020 - 2024
Cumulative GPA: 3.64

Professional Experience

Backend Developer (Intern)   Aug 2023 – Jan 2024
Finaseed Ltd.

- Designed and implemented a robust backend system to handle real-time monetary transactions efficiently.

- Developed and maintained a well-structured database for securely storing critical data and information.

- Collaborated closely with the frontend team to ensure seamless integration and accessibility of all API endpoints.

- Oversaw the security of the backend system, including the database, to safeguard against vulnerabilities and breaches.

Backend Developer (Intern)   Jul 2023 – Dec 2023
Harvoxx Tech Hub.

- Designed and implemented scalable backend services and APIs using Node.js and JavaScript.

- Ensured data integrity and optimized database performance for seamless application functionality.

- Coordinated efforts between frontend and backend teams to create cohesive and responsive web applications.

- Utilized modern tools like Materialize CSS, Normalize.css, Font Awesome, and HTML5/CSS3 to enhance user experiences and maintain web design standards.

- Oversaw deployment processes, ensuring smooth transitions and availability of web applications across production environments.

- Leveraged Git for efficient version control and collaboration across projects.

Penetration Tester (Intern)
Cyber Forensics and Security Solutions (CFSS) India.

Nov 2023 – Dec 2023

- Explored various domains of cybersecurity, gaining hands-on experience in cryptography, steganography, reverse engineering, and analyzing vulnerable machines.

- Conducted vulnerability assessments and penetration testing (VAPT) to identify and mitigate security weaknesses in systems and applications.

- Applied cryptographic techniques, including public key cryptography, to secure sensitive data. Researched and utilized steganography tools to uncover hidden information within digital media.

- Strengthened skills in vulnerability scanning, management, and research to develop robust defense mechanisms against cyber threats.

Volunteer Experience

Fullstack Web Developer   Mar 2024 – Present
Siliconverse.

- Designed and implemented the foundational backend architecture for a job search and application platform using Node.js, ensuring scalability and performance.

- Developed and integrated a robust database schema, serving as the backbone for all subsequent database documents and enabling efficient data management.

- Created RESTful APIs to support job search functionalities, including dynamic filtering, sorting, and routing of job listings.

- Built advanced job search and application filtering systems, enhancing user experience and search accuracy.

Web and Media Manager & Reading Ambassador   Feb 2022 – Present
Keeping It Real (KIR) Foundation.

- Modernized and redesigned the organization's website using WordPress and a variety of plugins, ensuring an updated and user-friendly interface.

- Regularly updated content on the website, including activity figures and events, to maintain relevance and engagement.

- Interviewed beneficiaries and edited videos to create impactful content for social media campaigns, raising awareness of the organization's mission, vision, and goals.

- Facilitated reading sessions at underserved primary schools, coordinating the donation of books, shelves, and other essential learning materials to improve literacy and education access.

- Successfully coordinated the launch of reading corners in targeted schools, fostering a culture of reading and learning among young pupils.

Core Competencies

Technical Skills

PHP (Vanilla PHP and Prepared Statements) | JavaScript | TypeScript | Python | C | SQL | Bash/Shell Scripting | Regular Expressions | Cryptography | Data Structures

Frameworks and Libraries

Flask (Python) | Express.js (JavaScript/TypeScript) | React.js / Next.js (JavaScript/TypeScript) | Electron.js | Materialize CSS | Normalize.css | Tailwind CSS | Font Awesome

Web Development

Frontend Development | Backend Development | Web Applications | Web Services API | Node.js | MongoDB | API Development and Testing | Database Design and Administration

Cybersecurity

Penetration Testing | Vulnerability Scanning and Management | Steganography | Public Key Cryptography | Reverse Engineering | Cryptanalysis | VAPT (Vulnerability Assessment and Penetration Testing)

Professional and Interpersonal Skills

Communication | Presentation Design | Social Media Management | Career Management | Technical Support | Email Marketing

Development and Project Management

Start-Up Management | System Deployment | Application Development | Custom Interpreter Development (Monty Interpreter) | Database Backup and Recovery Systems | Terminal Emulation and Command Line Operations

Research Experience

Undergraduate Researcher
Rivers State University.

Designed and implemented a digital logbook system to modernize the documentation process for the Student Industrial Work Experience Scheme (SIWES).

- Developed a web-based digital logbook system for the Student Industrial Work Experience Scheme (SIWES) to replace paper-based logging, improving data security, efficiency, and feedback processes.

- Implemented user authentication, role-based access, and modules for activity logging, supervisor approvals, and coordinator reports using PHP, MySQL, and Bootstrap.

- Conducted usability testing and gathered feedback from students, supervisors, and coordinators to ensure system effectiveness and compliance with SIWES guidelines.

Professional Trainings and Certifications

Software Engineering – Certificate of Completion   Aug 2023 – Oct 2024
ALX Africa.

Penetration Testing – Certificate of Internship   Apr 2024 – May 2024
Cyber & Forensics Security Solutions (CFSS) India.

AI Career Essential – Certificate of Completion   Feb 2024 – Apr 2024
ALX Africa.

Penetration Testing – Certificate of Internship   Nov 2024 – Feb 2024
Cyber & Forensics Security Solutions (CFSS) India.

Professional Memberships

The Primotion Team   Dec 2024 – Present
Founder.

Referees

Available on Request.