OLUWADEMILADE OLASUPO FOLARIN

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PROFILE SUMMARY

Ambitious and resourceful with a passionate drive for achieving results, seeking opportunities that will utilize already developed skills, enhance growth, and promote drive towards adding value to operations. I am enthusiastic about learning, a good team player and excited about driving excellence.

TECHNICAL SKILLS

Languages and Frameworks: JavaScript, C#, Python, React, Node.js, Next.js, and ASP.NET

Databases and Tools: MySQL, Mongo DB, Linux, GIT, AWS, Firebase

Other Skills: HTML, CSS

Additional Skills: Project Management, Leadership Skills, Analytical and Decision-making skills, Excellent written and Verbal communication, and Management skills, Microsoft Applications (Excel, Word, PowerPoint, Outlook, Teams).

Certifications: **Project Management-Project Manager** offered by Academy for Health & Fitness – **UK, Front-End Web Development** with React

PERSONAL PROJECTS

Amazon Clone 🔗   **Sept. 2022 – Nov. 2022**

- Developed a full-stack e-commerce web application that allows users to browse products, add them to their cart, and checkout using a secure payment gateway. The website is built using a combination of front-end and back-end technologies. On the front end, I used HTML, CSS, and React.Js to create the user interface and on the back-end, Firebase was used for the server-side logic and database to store product information, user details, and order history. The backend is responsible for processing user requests, interacting with the database, and sending responses back to the client.
- Authorized the admin to Create (Add), Update, and Delete products from the store exclusively through the Admin route.

Tic-tac-toe game 🔗   **Feb. 2021 – Aug. 2021**

- Built a strategy game using OOP principles that implement a two-player game allowing each user a turn to play with React.
- Handled game logic with a JavaScript library (React.Js), and used functions to handle moves, input changes, win conditions, and game reset.

EXPERIENCE

NYSC Volunteer Tutor, All Saints Comprehensive School - Abia, NIGERIA   **Mar. 2022 – Feb. 2023**

- Taught **>30** senior secondary students Mathematics, Further Mathematics, and Physics courses ultimately improving overall exam success by **90%**
- Executed activities related to student record keeping, grading, and exam proctoring; received special recognition and appreciation for excellent work.

Freelance, Software Engineer   **Feb. 2022 – May. 2022**

- Contracted to build a full-stack supply chain and logistics website for a client using HTML, CSS, and React.JS for the frontend features and integrating Firebase to handle basic backend features such as user management and data storage.

Front-End Developer, Health Station LTD - Lagos, NIGERIA   **Nov. 2021 – Jan. 2022**

- Contributed to the software team responsible for building software to support the company's hardware products.
- Managed the front-end application of the company's project using React.JS, as the designated person in charge of maintenance.

Mechanical Engineer, Intern at Chevron Nigeria Limited - Lagos, NIGERIA.   **Sept. 2019 – Mar. 2020**

- Performed visual inspection on corroded lines (pipes) at the Escravos Gas Plant (EGP), where I documented anomalies found, described their location, captured damage photos, and utilized **AutoCAD** to draft the line.
- Prioritized work orders for corroded equipment using RBI factors obtained from the risk-based inspection of the equipment.
- Created Vision's work request (VWR) for various corroded and damaged equipment reported from inspections using the Visions Asset Integrity Management database implemented by my team and thus reduced the total downtime of the entire plant and increased profit by **38%**.
- Prepared and presented "Weekly Highlights" reports for Senior Management using **Microsoft Tools (Excel, Word, and PowerPoint)**.

EDUCATION

UNIVERSITY OF LAGOS   **Sept 2015 – Nov. 2021**

Degree: Bachelor of Science, Mechanical Engineering

Relevant Courses/Topics: Data Structures; Linear Algebra; Introduction to Programming Language; Python Programming Language; Probability Theory; Statistics; Sensors and Micro-controllers; Fluid Mechanics; Compressible and Incompressible Fluid Dynamics; Thermodynamics; Mechanical Vibrations

Societies: Nigerian Institution of Mechanical Engineers (NIMECHE), University of Lagos Engineering Society (ULES), The University of Lagos Energy Club (UEC), International Society of Automation (ISA) Nigeria.

LEADERSHIP ACTIVITIES AND AWARDS

- *Tutored **35+ students** at the Engineering Career Expo, University of Lagos in frontend development, and coached junior developers in the Faculty of Engineering ultimately improving overall success as a **Mentor, ECX [Frontend]**.*
- *Participated in leading a sponsorship campaign with the **Sponsorship and Partnership Team, PAADC** (the largest undergraduate competition in Nigeria) that raised funds for the competition, resulting in a **38% profit** increase from the previous year.*
- *Led a team of **>30 members** as the **NYSC President for Federal Road Safety Corps CDS, NIGERIA** to conduct the 2022 Ember Month Flag Off from September to December 2022, resulting in a **68% decrease** in road traffic crashes during that period.*