

# DEMILADE 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:** C#, JavaScript, Node.js, ASP.NET, Express.js, Angular, TypeScript, Python, React, Next.js, and Vue.js

**Databases and Tools:** MySQL, PostgreSQL, 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, Introduction to Back-End Development by Meta

## EXPERIENCE

### ChamsSwitch Ltd, NIGERIA

#### Assistant Manager, IT

Jan. 2024 – Present

- Currently leading a team of IT professionals, initiating improvements in project delivery processes resulting in **50%** reduction in project completion time.
- Established foundational IT policies and security measures according to PCIDSS, resulting in a **35%** decrease in cybersecurity incidents within the first four months of assuming the role.

#### Software Engineer

Apr. 2023 – Dec. 2023

- Led the development and continuous maintenance of a pivotal system responsible for managing the onboarding process for Aggregators, Merchants, and Customers, as well as overseeing the payment processing platform.
- Enhanced and optimized the solution thereby reducing failure rate of payment made by customers on the platform by **90%**.
- Collaborated with a group of 4 engineers to implement automated settlement on the existing platform which helped in tracking the settlement status and improved operational efficiency by streamlining processes and reducing manual intervention.

### Freelance, Software Engineer

#### Software Engineer

May. 2020 – Feb. 2023

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

## PERSONAL PROJECTS

### Blog API [🔗](#)

Sept. 2023 – Oct. 2023

- Developed a RESTful Blog API with robust authentication, authorization, and data validation features, showcasing expertise in API design and security.
- Implemented comprehensive documentation and deployment strategies, underscoring a commitment to reliability, user experience, and maintaining a seamless blogging platform.

### 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 ReactJS 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.

### Full Stack Workout App [🔗](#)

Feb. 2021 – Aug. 2021

- Developed a full-stack workout web application that required designing and developing a user-friendly front-end interface, implementing a secure user authentication system, creating a back-end server with Node.js, using MongoDB for my database management system, and developing a form submission and data storage system using Mongoose library. Access to view the workout plan created is restricted to authenticated users only.
- Implemented with the MERN stack (MongoDB, Express, React.js & Node.js).

## EDUCATION

### UNIVERSITY OF LAGOS

Sept. 2015 – Nov. 2020

**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 and Backend]**.*
- *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.*