

IFEOLUWA ADENIRAN

Software Engineer

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SUMMARY

A passionate **Software Engineer** dedicated to building innovative and user-friendly solutions with a real impact. With expertise in **JavaScript, React, Node.js**, and **MongoDB**, I specialize in crafting scalable web and backend applications. Currently, I'm expanding my skills in **cloud computing** as I work towards becoming an **AWS Cloud Engineer**, driven by the potential of cloud technologies for improved scalability, security, and efficiency. I am also exploring how **artificial intelligence (AI)** can revolutionize industries by solving complex challenges and streamlining processes.

EXPERIENCE

Tools Automation Engineer

Huawei RNOC

05/2021 - 11/2024 Lagos, Nigeria

- Developed and optimized automated test scripts for embedded systems, reducing testing time and improving reliability.
- Collaborated with cross-functional teams to debug and optimize existing software, resulting in performance boost.
- Designed and implemented a tool for monitoring system performance, enhancing data accuracy.
- Wrote technical documentation for knowledge base, software features, streamlining onboarding for future interns and team members.
- Maintained APIs and resolved complex technical issues, improving backend integration speed and ensuring high customer satisfaction.

Software Developer

GGMSS Technology

11/2019 - 04/2021 Kogi, Nigeria

- Developed and optimized responsive web applications using modern technologies such as ReactJS, TypeScript, Tailwind CSS, and Redux, while adhering to ES6+ JavaScript best practices.
- Enhanced the functionality of existing tools by integrating new APIs, resulting in improved data retrieval speed.
- Assisted in testing and debugging a secure communication protocol, ensuring compliance with industry standards.
- Conducted peer code reviews to maintain quality and consistency, reducing errors in production.
- Integrated RESTful APIs, implemented CI/CD pipelines for streamlined deployments, and collaborated with designers using Figma for seamless design integration.

VOLUNTEERING

ExecuteTek Workshop

Frontend Facilitator

12/2024 - Present

Guiding students and career switchers in understanding web fundamentals and teaching core frontend technologies (HTML, CSS, and JavaScript), including hands-on mentorship in building web pages.

- Introduced real-world applications of programming, increasing engagement among attendees.

EDUCATION

Bachelor of Science in Computer Science

Ajayi Crowther University, Oyo

09/2015 - 07/2019 Oyo, Nigeria

KEY ACHIEVEMENTS



Project Leadership Experience

Spearheaded a team of four for ALX SE Graduation Project, contributing to key components of the development and ensuring the project was completed within the submission deadline



Enhanced Data Retrieval Performance

Improved data retrieval speed by 40% through API integration in a key software project.



Increased Code Coverage

Achieved 95% code coverage for unit tests in a critical software component within a tight deadline.



Improved UI Usability

Redesigned key UI elements for the EduTrack software project, resulting in improvements in usability metrics

SKILLS

JavaScript	React	Node.js	Next.js
Tailwind	Python	MongoDB	SASS
SQL	API	GIT	GraphQL
Linux			

CERTIFICATION

Software Engineering Certification

Completed through ALX Holboto School, covering software development principles, programming languages, data structures, algorithms, and automation testing techniques.

Responsive Web Design Certification

Completed through FreeCodeCamp, focusing on the principles of responsive web design, including HTML, CSS, Flexbox, CSS Grid, media queries, and JavaScript to build mobile-friendly, interactive, and visually appealing websites across devices.

INTERESTS



Artificial Intelligence (AI)

I am fascinated by the advancements in artificial intelligence and its growing impact on industry development



Coding Challenges

Enjoy solving complex problems through coding and participating in hackathons.



Mentorship

Dedicated to helping others grow by sharing knowledge and experience in programming.