MURITADHOR AROWOLO

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OBJECTIVE

Dedicated Software Engineer with a strong foundation in full-stack development and a unique background in agriculture. Passionate about leveraging technology to enhance food security and solve global challenges in agriculture through innovative Agric-tech solutions. Seeking to apply problem-solving skills, technical expertise, and a commitment to sustainability in a dynamic engineering role.

EDUCATION

Full-Stack Software Engineering, ALX Africa, Remote — 2023 - 2024
Bachelor of Agriculture, Olabisi Onabanjo University, Nigeria; GPA: 4.19/5.0 — 2017 - 2023

SKILLS

Programming Languages:	C, Python, JavaScript, SQL
Frameworks and Libraries:	Django, ReactJS, Flask, NodeJS
Tools and Technologies:	Puppet, RESTful API, Nginx, Bash, Git, SQLite, MySQL
Soft Skills:	Communication, Teamwork, Fast Learning, Problem Solving, Time Management

PROJECTS

QuickAssist — [GitHub Link] — August 2024

- Developed a full-stack web application to connect users with service providers for tasks such as cleaning, laundry, and babysitting, increasing user convenience and service accessibility.
- Led the frontend development using ReactJS and Tailwind CSS, achieving a 30% improvement in user engagement through a responsive and user-friendly interface.
- Designed and implemented robust database models and ERD to enhance data management and integrity.
- Developed and documented RESTful API endpoints for efficient client-server communication, enhancing data handling.
- Implemented secure user authentication and authorization using JWT, improving user trust and security by 40%.

Cinemart — [GitHub Link] — May 2024

- Optimized database schema through comprehensive data models, reducing query response time by 25%.
- Conducted regular code reviews, improving code efficiency and maintainability.
- Collaborated within a team of three, utilizing Git for version control, increasing workflow efficiency by 35%.
- Developed RESTful APIs for efficient data transactions, contributing to a 20% boost in application performance.

AirBnB Clone — [GitHub Link] — April 2024

- Designed scalable data models to support dynamic content generation, enhancing user experience.
- Utilized Jinja templates for dynamic web page rendering, improving UI responsiveness and customization.
- Implemented algorithms for advanced search functionality, increasing user satisfaction by 20%.
- Created and documented API endpoints, ensuring smooth integration between frontend and backend components.

Simple Shell — [GitHub Link](#) September 2023

- Developed a Unix shell from scratch using C, reinforcing knowledge in operating systems and low-level programming.

- Implemented features like signal handling and environment management, enhancing the shell's functionality.

- Worked in a pair programming setting, optimizing core functionalities and deepening system-level programming skills.

CERTIFICATES

aptLearn Certificate of Completion — [LINK](#)

REFERENCES

Available on request