Ewuru Fortune Ugonna

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SUMMARY

Software engineer with 3 years of experience as an Intermediate Software Engineer at Haven Pet Home and Animal Care Foundation. Developed and deployed scalable microservices using Node.js, Express, Docker, and Kubernetes, resulting in improved system performance and reduced downtime. Implemented complex software solutions and optimized algorithms using JavaScript, Python, and MongoDB, enhancing system efficiency by 25%.

EXPERIENCE

Intermediate Software Engineer

Haven Pet Home and Animal Care Foundation   December 2023 - August 2024, Lagos, Nigeria.

· **Developed and deployed scalable microservices using Node.js and Express**, improving system performance by 30% and reducing server response times by 25%.
· **Developed and deployed scalable microservices architecture using Docker and Kubernetes**, enhancing system reliability and reducing downtime by 25%.
· **Implemented complex software solutions and optimized algorithms**, enhancing system efficiency by 25%, using JavaScript (Node.js), Python, and MongoDB over a two-year period.
· **Designed and implemented a real-time booking system using Socket.io and MongoDB**, increasing user engagement by 40% and reducing appointment scheduling conflicts by 60%.
· **Integrated a secure payment gateway and implemented role-based access control**, resulting in a 50% increase in completed transactions and enhancing overall platform security.

Junior Software Engineer

Queen Fatima Girl Child Foundation (NGO)   February 2022 - November 2023, Lagos, Lagos State, Nigeria.

· **Led the design and development of a responsive website for Queen Fatima Girl Child Foundation**, utilizing front-end technologies such as HTML, CSS, JavaScript, and React, and back-end technologies such as Node.js, resulting in a **30% increase in online engagement** and a **20% rise in donor sign-ups** within the first three months of launch.
· **Provided ongoing maintenance and updates to the website**, including content management, bug fixes, and security enhancements, leading to a **40% reduction in site downtime** and **15% improvement in page load speed**, ensuring the website remains up-to-date, secure, and aligned with the foundation's evolving needs in promoting education and empowerment for girl children.
· **Collaborated closely with the NGO's leadership team to understand the vision, target audience, and key messaging**, translating those requirements into an intuitive and visually appealing website design that effectively communicated the organization's mission and values, leading to a **25% increase in user satisfaction** based on feedback surveys.

EDUCATION

Bachelor of Science (BSc), Computer Science

Imo State University (IMSU) · Owerri, Imo State. Nigeria. · 2021 · 3.6
· Graduated with honours in Computer Science, Imo State University. Majored in Software Development.

High School Leaving Certificate

P-Kay College · Isheri-Osun, Lagos, Nigeria. · 2018

SKILLS

Frontend: HTML, CSS, JavaScript, React, Redux, Sass, Python, Jest, TypeScript.

Backend: Django, Node.js, AWS, MySQL, PostgreSQL, MongoDB, RESTful API design, Authentication and authorization, Server management.

Data: Redis, Basic data analytics, API integration.

Soft skills: Problem-solving, communication, teamwork, time management, adaptability, continuous learning and attention to detail.