NELSON C UWAKWE

Software Developer

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Abia State, Nigeria

EDUCATION

B.Sc. In Computer Science and Education
Michael Okpara University of Agriculture
2018 - 2023

LANGUAGES

English
Proficient
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SKILLS

Proficiency in languages like Python, JavaScript (including Node.js), and Typescript

Implemented and optimized MySQL and MongoDB database systems to support data-driven decision making, resulting in query performance and improved system scalability.

Strong problem-solving skills and the ability to troubleshoot issues efficiently.

Excellent communication skills to collaborate with clients, gather requirements, and provide ongoing support.

Familiarity with version control systems, particularly Git, for efficient collaboration and code management.

Experience with front-end frameworks such as React.js for building interactive user interfaces.

PROJECTS

Hotel Management System
- Designed and implemented a sophisticated Hotel Management System software, focusing on robust server-side functionality using Node.js. Achieved a 20% increase in system efficiency, leading to streamlined operations.
- Utilized a comprehensive stack of technologies, including Axios, jQuery, HTML, CSS, and JavaScript, ensuring a responsive and user-friendly interface for both customers and administrators.

E-commerce Application
- Pioneered the development of a meticulously crafted E-commerce application for automated product sales, incorporating advanced technologies such as Node.js, Axios, React, and Tailwind CSS. Resulted in a 30% improvement in the online shopping experience, enhancing overall user satisfaction.
- Integrated the Paystack API for a secure and efficient payment gateway, reinforcing the application's commitment to providing a trustworthy platform for transactions.

OBJECTIVES

Results-oriented Software developer with over 3+ years of experience in designing, developing, and implementing applications. Proven expertise in optimizing databases, implementing RESTful APIs, and troubleshooting server-side performance issues. Proficient in JavaScript (including Node.js), Python and Typescript, with a demonstrated proficiency in front-end frameworks like React.js. Seeking a challenging role to leverage broad development experience and hands-on technical expertise.

EXPERIENCE

Software Developer
LDC Concept
05/2021 - Present || Abia State, Nigeria
- Collaborated closely with clients to gather requirements and achieve a 90% satisfaction rating.
- Developed robust and scalable applications using technologies like Node js, React js, and API development.
- Translated design mockups into functional and visually appealing web applications that increased user engagement.
- Demonstrated expertise in clean and efficient coding, optimizing performance through coding best practices.
- Executed end-to-end API development, improving system efficiency through well-designed APIs.
- Contributed to a 20% increase in application performance through efficient coding practices and optimized solutions.
- Helped achieve a 15% increase in user engagement through user-friendly interface design and seamless user experience.

Data Analyst
Suits 55 Limited
09/2018 - 10/2019 || Abia State, Nigeria
- Analyzed guest satisfaction surveys to identify key areas for improvement, resulting in a 10% increase in overall guest satisfaction ratings within six months.
- Performed weekly audit report on F/B stocks, identifying discrepancies and recommending corrective actions to minimize inventory losses.
- Delivered status updates to supervisor and recommended changes in design based on challenges faced, ensuring project alignment with business objectives and user needs.
- Uncovered hidden patterns in hotel data to uncover revenue-generating opportunities, leading to a 15% increase in revenue from targeted marketing campaigns.
- Collaborated with cross-functional teams to streamline inventory management processes, reducing excess inventory by 18% and minimizing financial losses.

VOLUNTEERING

Assistant UI/UX Team Lead
Google Developer Students Club (GDSC) MOUAU
06/2023 - Present
- Overseeing the design aspect of projects and initiatives undertaken by the club.
- Ensuring that all club projects, prioritize the end user's experience.
- Responsible for organizing organising workshops, training sessions and hands-on events related to UI/UX designing.
- Collaborating with other core team members and project teams, to integrate UI/UX design principles into the club's activities.

PASSIONS

CyberSecurity (Penetration Testing)
Artificial Intelligence (Machine Learning)
Open Source Contribution
Building and Creating
Entrepreneurship and innovation

PROJECTS

E-Clearance Application
- Streamlined and automated the clearance process for students by developing an E-Clearance Application, significantly enhancing the overall clearance experience.
- Implemented technologies such as Node.js, Axios, and React, resulting in a 70% reduction in clearance processing time and providing a user-friendly interface with robust functionality..

Web Chat Application
- Designed a versatile web chat application that facilitates both one-on-one and group conversations with an average usage of 20 active users.
- Leveraged Node.js, Axios, React, and socket.io to enable real-time communication within the web chat application, with an average response time of 0.5 seconds and a 98% user satisfaction rating for real-time communication features.
- Provided a dynamic and interactive platform for seamless chatting experiences with a 30% increase in group chat participation and a 25% increase in overall user interaction time..

Task Management Application
- Led the development of a Task Management application, emphasizing precise tracking and efficient management of projects and tasks.
- Engineered the backend using Node.js and seamlessly integrated cutting-edge technologies such as Axios, React, and Tailwind CSS.
- Resulted in a streamlined solution for project organization and task tracking, leading to a 25% increase in overall productivity.

STRENGTHS

Problem Solving
In my journey, I've honed my problem-solving skills by actively engaging in coding competitions and successfully resolving over 50 intricate coding challenges.

Effective Collaboration and Teamwork
Furthermore, I've cultivated a collaborative spirit through my involvement in various projects, leading and contributing to 15 collaborative endeavors. This experience resulted in a commendable increase in team productivity.

Effective Communication
I've collaborated with diverse clients, ensuring satisfaction and fostering long-term relationships. I've excelled in presenting technical concepts to non-technical audiences, increasing client understanding by 20%. My commitment to continuous improvement is evident in my proactive approach to seeking and incorporating feedback, resulting in an enhancement, in project outcomes.