Ngwu Stephen
Software Developer

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Software Developer with 3+ years of experience delivering sound software to high-value clients. Proven track record in developing high-quality software projects on time and within budget, debugging and troubleshooting software issues, and driving profitability. Passionate about staying up-to-date with the latest technologies and leveraging them to create innovative solutions.

OBJECTIVE

To secure a challenging position as a software developer in a dynamic organization where I can utilize my technical skills and creativity to develop innovative software solutions. My aim is to enhance my expertise in programming, and software development methodologies while contributing to the growth of the organization.

PROFESSIONAL EXPERIENCE

WHATIDO,   **Avondale, AZ, USA**
Full Stack Developer   *March 2022–Present*
An application where experts can showcase their skills and talents.

- Integrated an ethereum payment system with ethers, hardhat, and smart contract. Researched and developed the smart contract using Solidity programming language, tested and deployed on the Ethereum blockchain network using Alchemy node service. Increased the efficiency of the payment process and reduced transaction costs by eliminating the need for intermediaries such as banks or payment processors. Facilitated the processing of more than 200 transactions, in a secure and transparent manner.

- Implemented transaction feature for whatido by conducting user research, collaborating with the development team, and testing for usability and functionality, increased user engagement and satisfaction, resulting in a 15% increase in user retention and a 10% increase in overall app usage.

- Implemented front-end authentication using Next, Redux, and JSON Web Tokens (JWT), including email verification, password reset, and social login via Google and Facebook APIs. Collaborated with the backend development team to ensure smooth integration and functionality of the authentication system. Overcame challenges such as integrating with an existing backend API and improving the user experience by allowing users to access personalized content based on their authentication status. Increased user engagement by 20% and received positive feedback regarding the ease of use and security of the authentication system.

- Developed and implemented app notification and push notification functionality, increasing user engagement by 25% through targeted push notifications. Utilized web push API in the backend and service worker in the frontend to create personalized push campaigns based on user preferences.

- Implemented search functionality across the web application, improving user experience by enabling users to easily find experts, resulting in a 25% increase in user engagement and a 15% increase in conversions. Collaborated with the backend team to integrate search functionality with the backend database, utilized frontend frameworks such as Next, and conducted user testing and analysis to ensure optimal search results and performance.

EDUCATION

UNIVERSITY OF NIGERIA, NSUKKA   **Enugu, NG**
Bachelor of Science in Computer Science and Mathematics   *2017-2021*

SKILLS

- Technical Skills: JavaScript, Python, Solidity, HTML, CSS, React, Redux, Next JS, Node JS, Express, Firebase, MongoDB, Atlas, Firestore, Git/Github, Linux, Google Cloud, Mapbox, Heroku.
- Soft Skills: Creativity, Effective Communication, Problem-Solving, Teamwork, and Organizational.

ACTIVITIES

- Completed a 6-month software development internship at the University of Nigeria ICT Centre, where I worked on projects using JavaScript, and MongoDB.
- Participated in Polygon Africa Bootcamp, receiving lectures on building secure and scalable blockchain applications in 2022.
- Participated in TxE Africa Tech Summit in 2022 where I received lectures about technology and made connections with my fellow software developers.

PROJECTS

- Tourism Website: Developed a tourism website using Node.js, React, and MongoDB. Implemented user authentication, tour booking functionality, geolocation, and payment processing with stripe. Increased site speed by 30% by optimizing database queries and improving page load times.
- Photo Posting Social Media Website: Developed a social media website(keccakinsta) for posting and pinning pictures using Sanity.io and React. Implemented google authentication, picture upload functionality, comment and like functionalities. Improved user experience and increased user engagement by 20% by implementing search functionality.