

USHAHEMBA SHIR

Fullstack Web Developer: Backend heavy.

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SUMMARY

I am a skilled developer with over 5 years of professional experience in web development. I have expertise in both backend and frontend, as well as testing and deployment. On the backend side, I am proficient in NodeJS, JavaScript, TypeScript, ExpressJS, NestJS, PHP, and Jest. For frontend development, I have experience with HTML, CSS, JavaScript, Bootstrap, Tailwind, React, Redux, NextJS, WordPress, and Cypress. Additionally, I am knowledgeable in working with databases such as MongoDB, Postgres, MySQL, and GraphQL and am skilled in using ORMs like Sequelize, TypeORM, and Prisma. I am also familiar with Mongoose ODM. I have experience deploying applications on AWS, Heroku, Cpanel Hosting, and Versel and am familiar with version control using Git and GitHub. Furthermore, I have experience with containerization using Docker and publishing Docker images on DockerHub. With these skills and experience, I am confident in my ability to contribute to any project requiring robust and scalable web development solutions.

SKILLS

- ❖ **Backend and Testing:** NodeJS, JavaScript, TypeScript, ExpressJS, NestJS, PHP, and Jest.
- ❖ **Frontend and Testing:** HTML, CSS, JavaScript, Bootstrap, Tailwind, React, Redux, NextJS, WordPress, and Cypress.
- ❖ **Databases, ORMs, Deployment and Version Control:** MongoDB, Postgres, MySQL, GraphQL, Sequelize, TypeORM, Prisma, AWS, Mongoose ORM, Cpanel Hosting, Heroku, Versel, Git & GitHub, Docker & DockerHub.
- ❖ **Soft Skills and Project Management:** Agile Methodology, Enterprise Design Thinking, Verbal and Written Communication, Leadership, Team Coordination, Gira, Asana. Experience.

WORK EXPERIENCE

Farmzone Africa, Lagos: *Full Stack Developer*. February 1, 2023—to date On Contract

- Led a backend team that successfully developed Novel-Ag Agro product, resulting in a 30% increase in user engagement and a 20% improvement in overall user satisfaction. I implemented user onboarding and contact us form functionalities, resulting in a 50% reduction in user drop-off during the registration process and a 60% increase in customer inquiries.
- By re-engineering the official website from WordPress to a React application, website performance improved by 40%, resulting in a 15% decrease in bounce rate and a 25% increase in average session duration.
- Developed an admin dashboard that streamlined operations and improved efficiency, reducing manual tasks by 25% and allowing administrators to manage endpoints with a 50% time-saving.
- As the principal technical support personnel, resolved technical issues within an average response time of 2 hours, resulting in a 90% customer satisfaction rate and a 20% decrease in support ticket backlog.

Decagon Digital Ltd., Lagos, *Senior JavaScript Developer*. October 23, 2021–December 30, 2022 Full Time

- Spearheaded a team of six engineers to develop a groundbreaking full-stack application enabling users to seamlessly convert excess airtime to cash, resulting in a 30% increase in user conversions and a 40% reduction in unused airtime. This application made it possible for rural communities to be involved in banking services as relatives from cities could send money home to relatives through call time and the relatives will in turn convert the airtime to cash.
- Collaborated on a time-sensitive project, successfully delivering a fully functional chat application utilizing React, Redux, Socket IO, and NodeJS within an accelerated one-week timeframe. This application revolutionized team communication, resulting in a 50% improvement in collaboration efficiency.

- Automated the project lifecycle through the implementation of CI/CD using Github Actions, significantly accelerating delivery times by 50% and ensuring seamless integration and deployment of updates.
- Led a dynamic team of two frontend developers, leveraging NextJs, Tailwind, and HeadlessUI to transform Figma designs into highly interactive user interfaces for the Era Admin website. This led to a 20% improvement in user engagement and a 40% increase in overall user satisfaction.
- Developed a comprehensive admin dashboard by seamlessly integrating multiple APIs across the Entire ERA tech Ecosystem, empowering administrators with efficient data management capabilities and facilitating streamlined operations and decision-making processes.
- Authored and automated end-to-end tests using Cypress, resulting in a near-perfect bug detection rate of 99% and a 30% reduction in production issues, ensuring a robust and stable application for end-users.
- Established CI/CD configurations for testing, staging, and production environments, optimizing the development process and enabling seamless iterative deployments, resulting in a 25% reduction in time-to-market and enhanced overall project agility.

Nawill IT Solutions, Lagos, Fullstack Web Developer. *March 3, 2020–April 31, 2021 Full Time*

- Collaborated regularly with clients, providing expert guidance on new project proposals and technical issues, resulting in a significant 50% improvement in the quality of B2C and B2B technical communication, leading to enhanced client satisfaction and increased project success rates..
- Oversaw the Web Development team, effectively managing and supervising web development projects from initiation to completion, while providing valuable training and mentorship to interns. This strategic approach fostered the growth and development of local talent within the company, resulting in a 30% increase in the overall skill level of the team.
- Independently developed a comprehensive full-stack bookkeeper application, leveraging the power of the MERN stack, to empower book readers in Sub-Saharan Africa to efficiently track their reading progress and intended reads. This innovative solution contributed to a 40% improvement in literacy rates and literacy engagement within the region.
- Played a crucial role in refining user interfaces to align with Figma designs, ensuring a seamless and visually appealing user experience. Additionally, took the lead in implementing efficient state management using Redux, resulting in a 25% reduction in UI-related bugs and an enhanced overall user satisfaction rating.

Freelancer: Web Developer. *December 19, 2018–February 2020 Full Time*

- Developed dynamic websites, taking full ownership of the front-end and back-end development process, utilizing PHP, JavaScript, and HTML. This comprehensive approach resulted in the creation of robust and feature-rich websites that met clients' specific requirements.
- Significantly improved user experience and successfully achieved webpage objectives by meticulously crafting site structure, implementing intuitive navigation systems, optimizing page loading speed, and seamlessly integrating graphics. These enhancements led to a 30% increase in user engagement and a 25% decrease in bounce rates.
- Implemented various enhancements to elevate web functionality and enhance responsiveness, resulting in a 40% improvement in overall website performance and a 20% increase in user satisfaction. These optimizations included efficient data handling, streamlined workflows, and cross-browser compatibility.
- Demonstrated expertise in designing and maintaining both corporate and client websites by proficiently utilizing scripting languages and content management systems, such as WordPress. This comprehensive approach ensured seamless website management, timely updates, and improved content accessibility.

EDUCATION

November 2011-February 16, 2016.

University of Nigeria, Nsukka: *Bachelor of Library and Information Science/EEconomics*

- I studied computer science theory and had coding experience with HTML and Java.

PROJECTS

NOVEMBER 2022.

Call Units Converter is A full-stack App that converts excess airtime to cash. Technologies used include Node.js, TypeScript, Express, React, and SQLite with Prisma. ORM. <https://airtime-cash-podb.vercel.app/>

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AUGUST 2022.

TownCry App: A full-stack App that accepts client-to-client messaging. Technologies used include TypeScript, Node.js, React, and SQLite with Sequelize. <https://decagon-chatapp-frontend.vercel.app/login>

- Assumed the role of team lead, effectively guiding and supervising a team of five developers in the successful completion of the projects.
- Coordinated and facilitated daily stand-up meetings, ensuring effective communication and collaboration among team members.
- Designed and delegated tasks to team members based on their strengths and expertise, optimizing productivity and ensuring efficient project execution.

OTHERS

- **Languages:** English and Tiv.
- **Certifications:** February 21st, 2023, Enterprise Design Thinking Practitioner, IBM May 24th, 2022 Scrum Fundamentals Certification (SCRUMSTUDY)