

Ushahemba SHIR

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SUMMARY

Innovative and results-driven Backend Developer with over four years of experience in web development and software engineering. Proven track record in optimizing system performance, leading development teams, and delivering robust, scalable solutions. Adept at integrating cutting-edge technologies to enhance user experiences and operational efficiency.

SKILLS

- *Programming Languages and Frameworks:* JavaScript, NodeJS, TypeScript, ExpressJS, NestJS, Python - Django, Java - Spring boot. React.
- *Databases, ORMs and ODMs, Deployment and Version Control:* MongoDB, Postgres, MySQL, GraphQL, Sequelize, Mongoose, Prisma, 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

Octosoft Technologies Ltd - *Backend Developer.*

July 2023 - Till date | <https://octosoft.ai>

❖ Development of Medical Laboratory Information System

Spearheaded the development of the Laboratory Information System, a core module of the Health Information Management System (HIMS), resulting in a 50% increase in efficiency for over 23 laboratories.

❖ Integration of Amazon Chime Service for Telemedicine

Successfully integrated Amazon Chime into a telemedicine application, achieving a 95% success rate in patient-provider sessions.

Farmzone Africa - *Technical Adviser/Software Developer.*

February 2023 - June 2023 | <https://farmzone.africa>

❖ Technical Leadership and Infrastructure Development

Pioneered the introduction of agile methodology, daily standups, and robust technical infrastructure, including GitHub repositories. Reengineered the company website for a 50% performance improvement and accelerated API development speed by 20% through establishing a strong tech culture and onboarding the initial developer team.

Decagon Digital Ltd - *NodeJS Developer.*

May 2022 - December 2022. | <https://decagonhq.com>

❖ API Optimization and Testing Automation

Enhanced Emergency Response Africa's RESTful APIs, boosting response time by 20%, and automated end-to-end testing with Cypress, reducing frontend bugs by nearly 100%.

❖ Full stack Development and CI/CD Implementation

Led the development of a full-stack application for converting call time to cash, delivered a functional chat application using React, Redux, Socket.IO, and NodeJS within a week, and implemented CI/CD with GitHub Actions, improving delivery efficiency by 50%.

Nawill IT Solutions - *Web Developer.*

March 2021 - December 2022 | <https://nawill.tech>

❖ Client Communication and Talent Development.

Improved client communication by 50% through regular consultations on project proposals and technical issues, while managing web development projects and mentoring interns to foster local talent development.

EDUCATION

Melt Water School of Entrepreneurship (MEST) - *Business, Technology and Communication.* September 2023 - May 2024.

University of Nigeria, Nsukka. - *Bachelor of Library and Information Science / Economics.* November 2011 - February 2016.