



Ochogwu Emmanuel

emmyochogwu@gmail.com | +2348163432307 | Abuja, Nigeria

 <http://www.linkedin.com/in/ochogwu-emmanuel> |  <https://github.com/EmmanuelEmp>

SUMMARY

Dedicated and results-driven Software Developer with over 3 years of experience in building and maintaining complex web applications using the MERN (MongoDB, Express.js, React, Node.js) stack. Demonstrated ability to improve user satisfaction and engagement by implementing real-time features. Notable achievements include a 30% improvement in application efficiency and maintainability and a 35% increase in user engagement and satisfaction. I excel in building robust web applications and have a strong foundation in backend development. Adept at collaborating with cross-functional teams to achieve project success.

PROFESSIONAL EXPERIENCE

Zidio Development, Maharashtra, India — *Backend Developer Intern*

Feb 2024 - March 2024

- Led backend development for a dynamic location tracker, prioritizing user authentication, authorization, and error prevention through meticulous Typescript validation.
- Implemented industry-leading practices to ensure seamless user experiences and data security, while collaborating on refining and integrating Google Maps API functionalities.
- Strengthened expertise in backend development, API integration, and team collaboration through project leadership, contributing to both project success and professional growth.

Eminet Tech, Abuja, Nigeria — *Software Development Lead Intern*

Dec 2023 – May 2024

- Led the development of a social commerce app using the MERN stack, with a focus on backend development utilizing Node.js and MongoDB.
- Implemented authentication mechanisms, performed CRUD operations, and added admin features, contributing to a 20% increase in user satisfaction and app usage.
- Successfully integrated frontend and backend systems through RESTful APIs resulting in a seamless user experience and improved communication efficiency by 15%.

ALX Africa, Nairobi, Kenya — *Software Engineer Intern*

Aug 2022 – Oct 2023

- Steadily expanded my software engineering knowledge, starting with fundamental concepts and advancing to more complex topics.
- Collaborated with colleagues on various projects, contributing significantly to the creation of diverse software applications.
- Participated in debugging and troubleshooting software issues, implementing effective resolutions to enhance overall software reliability.

PROJECTS

E-commerce App

- Integrated Stripe for secure payment processing and real-time order tracking.
- Developed dynamic frontend interfaces using React and implemented robust backend functionalities with Node.js and Express.js.
- Integrated Cloudinary for product image storage to enhance scalability and efficiency.
- Implemented a dynamic product catalog with real-time shipping calculations and added Google OAuth for easy user access

- Link to website: <https://shopitechs-1.onrender.com/>

Inventory Management App

- Challenge: Required secure authentication mechanisms for user authentication and authorization, alongside efficient data management solutions.
- Solution: Implemented secure authentication using Bcrypt and JWT, ensuring user data integrity and confidentiality. Executed CRUD operations on the backend with Node.js and Express.js, facilitating efficient data manipulation.
- Key Feature: Integrated Cloudinary for storing product images, enhancing visual representation, and facilitated seamless frontend-backend communication using Axios
- Check on GitHub: <https://github.com/EmmanuelEmp/Prosperio>

Task Management App

- Advanced Task Management Application with JWT authentication, empowering users to efficiently organize and manage tasks.
- Implemented features allowing users to manage time effectively and track task progress seamlessly within the application.
- Utilized industry-standard practices to ensure data security and user privacy while delivering a seamless and intuitive user experience
- Link to website [https:// Task Manager \(task-manager-4jha.onrender.com\)](https://Task Manager (task-manager-4jha.onrender.com))

EDUCATION

Software Engineering, *ALX Africa* 2022 –2023

Bachelor Degree, *Usman Dan Fodio University, Sokoto*

2015 –2019

SKILLS

- **Languages:** JavaScript, Python, HTML, CSS, NodeJs, Typescript
- **Frameworks:** Express.js, React.js
- **Operating Systems:** Linux (including shell scripting, Vim) and Windows.
- **Tools:** VS Code, Postman and others
- **Soft Skills:** Team Collaboration, Problem Solving, Good communicator, Time Management, Attention to Details, Leadership.
- **Database:** MongoDB, MySql
- **Version Control:** Git, GitHub
- **Other Technologies:** RESTful APIs, JWT.

CERTIFICATES

ALX Africa, Nairobi, Kenya — *Full Stack Software engineering*

INTERESTS

- Playing
- Games
- Reading
- Learning new technologies

LANGUAGE

English (Fluent)