

BENSON CHRISTOPHER EMUZO

[Backend Developer]

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PROFESSIONAL SUMMARY

- Skilled in building RESTful APIs and scalable backend systems with over a year experience
- Experienced in unit testing, maintaining API documentation, and ensuring high code quality.
- Passionate about performance optimization, security best practices, and microservices architecture.
- Strong collaboration skills, working in agile teams and contributing to team-based projects.

TECHNICAL SKILLS & TOOLS

JavaScript, TypeScript, Node.js, Express, MongoDB, Mongoose, PHP, MySQL, Electron.js, HTML, CSS, Bootstrap, Swagger, Postman, unit testing, Git & GitHub, CI/CD pipelines and automations, microservice.

CERTIFICATIONS

- HNG Internship (Backend Developer) *March, 2025*
- InternPulse Finalist (Backend Developer) *December, 2024*

PROFESSIONAL WORK EXPERIENCE

HNG Internship *January 2025 – March 2025*

Backend Developer (Intern) - Remote

- Developed RESTful APIs
- Built a “Birthday Reminder” integration for the [Telex](#) web application: Birthday Reminder is an integration that tracks birthdates of team members and sends a pleasant message to a specified Telex organization channel; wishing the members a happy birthday.

InternPulse *October 2024 – December 2024*

Backend Developer (Intern) - Remote

- Worked on the backend APIs for [RenenergyHub](#); an ecommerce web application that connects vendors and consumers of renewable energy products (microservice). I was part of the amazing team of about 15 backend engineers that worked on the APIs for this application, also worked closely with frontend engineers.
- Implemented RESTful CRUD APIs that handles product management; using cloudinary storage for products image uploads.
- Also worked as a team to implement seamless stateless authentication & authorization using JWT, implemented Google and Facebook OAuth using passport.js and wrote documentation for each endpoint for easy integration with the frontend.

PROJECTS

PregNANT (Desktop Application: Node.js & express, electron.js & SQLite)

Collaborated on a pregnancy expert system (desktop app) for a client. We implemented the following features:

- Register a new patient, diagnose a new patient through a diagnostics form, collect patient's ultrasound data, generate patient's pregnancy, fetal weight, fetal age, conception date, & delivery date reports based on the data provided.

Library Management System

- Backend APIs for a library management system with functionalities to add a new book, retrieve every book in the library collection, update details about a book including its availability status, delete a book from the library collection, implemented thorough error handling. Hosted the application on Vercel, utilized postman in writing brief documentation for each endpoint.

Product Management System

- Built RESTful APIs for a product management system that allows one to add new products, retrieve products, update products and delete products using product ID or name, implemented unit tests to ensure the proper working of each endpoints using Jest and Supertest and wrote thorough documentation of each API endpoint using Swagger.

Emboost (A Social Media Management Panel: Node.js & express, MySQL, EJS, HTML, CSS, Bootstrap & Vanilla JavaScript)

- Emboost is a current project I'm working on; a social media management platform for boosting followers and engagement. Currently the following features have been implemented:
- Stateless Login and registration using jwt with refresh token, logout functionality etc

Weather Application (PHP, HTML, CSS & Bootstrap): A weather application with object-oriented programming in PHP.

SOFT SKILLS

- Communication
- Collaboration
- Problem-solving
- Teamwork

EDUCATION

B.Eng. Chemical Engineering

Second Class Upper

Niger Delta University

2021