

BENSON CHRISTOPHER EMUZO

[Backend Developer]

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PROFESSIONAL SUMMARY

- Skilled in building RESTful APIs and scalable backend systems with almost 2 years experience
- Applied knowledge of asynchronous programming in Node.js using async/await for scalable, non-blocking API designs and experience in PHP and Laravel.
- 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, PHP, Laravel, MongoDB, PostgreSQL, MySQL, Electron.js, HTML, CSS, Bootstrap, Swagger, Postman, unit testing, Git & GitHub, CI/CD pipelines and automations, microservice.

CERTIFICATIONS

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| • HNG Internship (Backend Developer) | <i>March, 2025</i> |
| • InternPulse Finalist (Backend Developer) | <i>December, 2024</i> |

PROFESSIONAL WORK EXPERIENCE

HNG Tech

January 2025 – March 2025

Backend Developer (Intern) - Remote

- Built RESTful APIs, set up CI/CD automations on a fastapi application and deployed on AWS.
- Developed 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). Worked closely with an agile team to design and build scalable backend APIs.
- Implemented RESTful CRUD APIs that handles product management; using cloudinary storage for product image uploads.
- Implemented 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

Bigbrodda Clothing (Ecommerce app: PHP, Laravel, MySQL, HTML, CSS, JavaScript)

Built [Bigbrodda clothing](#) an ecommerce web application for a client with the following features:

- Session based authentication and authorization

- Product (clothes) management; utilized cloudinary storage for product image uploads.
- Add to cart, checkout and a seamless payment integration feature with flutterwave.
- An admin panel to manage users and orders.

Core Banking System (Fintech: Node JS, express & MySQL)

- Built backend APIs for a core banking system, ensured atomicity in transactions by using database transactions.
- Implemented secure JWT authentication with refresh token.
- Ensured a scalable and modular project structure with proper error handling.
- Wrote documentation for each endpoint using Postman.

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 the patient's ultrasound data, generate the patient's pregnancy, fetal weight, fetal age, conception date, & delivery date reports based on the data provided.

Brainiac Connect

- Handled **system architecture design** of Brainiac, an EdTech platform tailored to students in Nigerian public schools, focusing on accessibility, scalability, and community-driven features.
- Designed a **microservice-based architecture** to separate concerns across services such as authentication, e-learning, payments, messaging, and social interaction.
- Selected and mapped out technology stacks per service.

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, and implement thorough error handling. Hosted the application on Vercel, utilized postman in writing brief documentation for each endpoint.

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 authentication and authorization using JWT with refresh token, logout functionality etc
- user management
- Payment features for account funding, using paystack .

SOFT SKILLS

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- Communication
 - Collaboration
 - Problem-solving
 - Teamwork

EDUCATION

B.Eng. Chemical Engineering
Second Class Upper

Niger Delta University
2021