

# Charles Ikuenobe Emanyoy

[emanyocharles40@gmail.com](mailto:emanyocharles40@gmail.com) | [github.com/SonOfMan12316](https://github.com/SonOfMan12316) | [linkedin.com/in/charles-emonyo](https://linkedin.com/in/charles-emonyo)

## PROFESSIONAL SUMMARY

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Software Engineer with 5 years of experience delivering production ready applications. Specialize in frontend development with React, Vue, Next.js, and TypeScript to create responsive user interfaces. Experience in collaborating with cross-functional teams to meet project goals. Proficient in backend technologies including Node.js, NestJS, and Express, enabling seamless API integration and enhanced user experiences.

## WORK EXPERIENCE

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### Backend Engineer

Oct 2025 – Present

*Famverse Ltd*

*Remote*

- Architected backend services with scalability and maintainability in mind, enabling the platform to onboard new features and users without major refactors
- Integrated secure authentication and authorization flows (JWT, role-based access control), protecting sensitive user data and admin operations
- Collaborated with frontend engineers to build APIs serving React application with 5,000+ users, maintaining 90% test coverage and comprehensive Swagger documentation
- Implemented Redis caching reducing API response times by 45%, directly improving frontend load times and user experience
- Migrated email infrastructure with zero downtime, enabling reliable user notifications for password resets, alerts, and confirmations
- Documented 30+ endpoints with detailed schemas and examples, reducing frontend integration time by 40%

### Frontend Engineer

Jan 2021 – Aug 2025

*SAED Integrated Services*

*Remote*

- Led a team of 2-3 junior and mid-level frontend engineers, providing technical guidance on React/TypeScript best practices, conducting code reviews
- Successfully onboarded 2 new hires, reducing sprint velocity gaps by 30% through structured pair programming sessions and knowledge-sharing workshops. Ensured on-time delivery of responsive UIs while fostering collaborative Agile workflows.
- Built admin portal with Vue.js and TypeScript managing healthcare staff and practitioners, featuring role-based access control and real-time data updates
- Developed workspace application with React and TypeScript, increasing user engagement by 50% through intuitive UI and seamless workflows
- Architected modular system where each service operates independently, eliminating system-wide failures when individual modules go down
- Collaborated across 500+ Agile sprint cycles with cross-functional teams, consistently delivering features on schedule
- Worked closely with backend engineers to define API contracts and ensure seamless frontend-backend integration

### Frontend Engineer (Contract)

Jan 2022 – Apr 2023

*Mungin*

*Remote*

- Delivered responsive Vue.js applications with TailwindCSS, achieving pixel-perfect implementations across mobile, tablet, and desktop
- Reduced page load times by 35% through code splitting, lazy loading, and performance optimization techniques
- Integrated RESTful API endpoints with optimized data fetching, error handling, and real-time updates
- Collaborated with 3 backend engineers and 2 DevOps specialists to deploy features to production infrastructure

## PROJECTS

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### Bookmark Manager

[Live Demo](#) — [GitHub](#)

Full-stack bookmark management app featuring a NestJS backend and a React frontend. It offers pinning, archiving, adding, deleting, and editing bookmarks, along with sorting by most visited, a dark mode toggle, and custom toast notifications. Technologies used include React, NestJS, MongoDB, and TypeScript.

### Finance Tracker

[Live Demo](#) — [GitHub](#)

Personal finance tracking application built with React, Vite, and TypeScript for efficient budget and savings management. Integrated Firebase backend for real-time data storage and user authentication. Features include expense categorization, budget visualization, and financial goal tracking.

## SKILLS

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Languages	TypeScript/JavaScript, SQL
Libraries	React, VueJS, NextJS, Node.js, NestJS, Express, GraphQL
Tools	Git, Docker, AWS, Firebase, MongoDB, Redis

## EDUCATION

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University of Lagos	Lagos, Nigeria
B.Sc in Physics Science	2019 – 2025