

Charles Ikuenobe Emanyo

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PROFESSIONAL SUMMARY

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

Backend Engineer

Famverse Ltd

Oct 2025 – Present

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

SAED Integrated Services

Jan 2021 – Aug 2025

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)

Mungin

Jan 2022 – Apr 2023

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

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

Languages TypeScript/JavaScript, SQL

Libraries React, VueJS, NextJS, Node.js, NestJS, Express, GraphQL

Tools Git, Docker, AWS, Firebase, MongoDB, Redis

EDUCATION

University of Lagos

B.Sc in Physics Science

Lagos, Nigeria

2019 – 2025