

CHARLES EROMOSE OKUEKHAMHEN

Full Stack Engineer | Database Administrator | Network Engineer

Lagos, Nigeria | +234 9067784278 | ehihameneromosele@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

SUMMARY

Full Stack Engineer with over 3 years of experience building scalable web applications using React, Django, and Node.js. Skilled in frontend UI design, backend API development, and database management with PostgreSQL and MySQL. Experienced in leveraging AWS services (S3, IAM) to deliver secure, reliable, and scalable solutions, including media storage and content delivery. Proven track record of delivering secure, high-performance solutions with clean architecture and responsive design. Thrives in agile teams and cross-functional collaboration, with a passion for writing clean, maintainable code.

SKILLS

Technical Skills

- **Languages:** JavaScript, Python, and TypeScript
- **Frontend:** React.js, HTML5, CSS3, Tailwind CSS
- **Backend:** Django, Django REST Framework, Node.js (Express)
- **State Management:** Redux, Context API, Hooks
- **Database:** PostgreSQL, MySQL, SQL Server
- **Cloud & DevOps:** AWS (S3, EC2, IAM, CloudFront), Render, Netlify, Vercel
- **Tools:** Git, GitHub, Postman, Insomnia
- **Other:** RESTful APIs, OAuth, JWT

WORK EXPERIENCE

Full Stack Developer (Project-Based Work)

BankFields Technical Team – Remote

July 2024 – Present

- Developed backend RESTful APIs using Django REST Framework with React frontend component to manage students, staff, attendance, and roles, supporting over 10,000 users with 99.9% uptime and ensuring decrease in deployment time by 40% while still maintaining clean and reusable codes
- Optimized PostgreSQL/MySQL queries for large academic datasets (10000+ records), improving dashboard performance by 30%, demonstrating strong analytical and problem-solving thinking.
- Implemented secure authentication, role-based access with JWT and OAuth, ensuring data privacy across admin, teacher, and student portals showing security awareness

Frontend Developer (Internship/Freelance)

EdSofta Computer Center – Lagos, Nigeria

June 2022 - May 2024

- Designed and implemented a responsive and intuitive blog interface using React, CSS3, and Tailwind CSS improving reader engagement by 20% and enhancing mobile usability, focusing attention to details
- Optimized performance using lazy loading, code splitting, and image compression, reducing initial page load times by 30% and improving SEO rankings, highlights efficiency and problem solving skills.
- Prioritized tasks and met aggressive content release deadlines while resolving UI bugs and crossbrowser compatibility issues, optimized time management and adaptability.

PROJECTS

Blog Management System – Full-Stack Web App

Tools: React, Django, Django REST Framework, PostgreSQL, JWT, AWS S3, CSS3

- Built and deployed a full-stack blogging platform with secure JWT- based authentication, streamlining user registration/login and enabling admins to efficiently manage blog content.
- Delivered an engaging user experience with dynamic dashboards where users browse categories, read posts, and interact via likes/comments, while admins seamlessly create, edit, and publish content through a responsive React + CSS3 interface.
- Engineered scalable RESTful APIs with Django REST Framework, integrated AWS S3 for reliable image storage, and implemented token-based authorization and backend validations—ensuring high performance, data integrity, and secure workflows across the platform.

[Demo](#) | [Code](#)

Travel Blog App – Responsive Frontend Web Application

Tools: React (TypeScript), Tailwind CSS, framer motion

- Developed a responsive Travel Agency Interface with React (TypeScript) and Tailwind CSS, ensuring type safety, cross-browser compatibility, and accessibility for an optimal user experience across devices.
- Implemented a dynamic Hero section with animations and high-resolution imagery to boost engagement, alongside modular and reusable components for About Us, Activities, Services and Blog sections, improving maintainability and design consistency.
- Implemented filterable travel activities and blog categories for intuitive navigation, while writing clean, reusable and scalable code to support future feature expansion and long-term sustainability.

[Demo](#) | [Code](#)

E-Commerce Platform – Backend Web Application

Tools: Django, Django REST Framework, PostgreSQL, JWT, Paystack

- Engineered a secure backend for an e-commerce platform with JWT-based authentication and user profile management, enabling customers to register, login, and update profiles.
- Developed category-driven product catalog APIs (Men, Women, Kids) with personalized shopping carts where users can add/remove products, place orders, and complete secure payments via Paystack.
- Built scalable and reusable RESTful APIs with Django REST Framework to manage products, categories, orders, and users, enforcing backend validations to ensure data integrity and secure workflows.

[Demo](#) | [Code](#)

EDUCATION

University Of Benin

- Bachelor of Computer Science

Edo State, Nigeria

Graduated: 2019

ACHIEVEMENTS

- **CompTIA Certified Network engineer (CNE)** - Successfully earned certification demonstrating expertise in designing, implementing, and managing computer networks.
- **Introductory in Computer Certification** – Built strong foundational knowledge in computer systems, software applications, and IT fundamentals.
- Successfully applied network engineering skills to configure, secure, and troubleshoot real-world networking environments.
- Recognized for continuous learning and professional development in computer science and information technology.