

Christian Kelechi Eze

Backend Engineer

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PROFESSIONAL EXPERIENCE

Backend Developer

06/2024 – present

123 Designs - USA

- **Developed AI-Driven Backend:** Designed and implemented the backend architecture for an AI model that automates the generation of 3D shapes, using Django and Python, achieving a 95% increase in shape generation efficiency.
- **RESTful API Development:** Delivered a comprehensive RESTful API, integrating seamlessly with frontend systems to provide a robust backend infrastructure for processing 3D shape requests, improving system responsiveness by 40%.
- **Chat Application System:** Created a sophisticated chat system that reads and analyzes user profiles, functioning as a personal companion throughout the user experience. This feature boosted user engagement by 30%.

Full Stack Software Engineer

03/2024 – present

Blanc Exchange Enterprise

- **Full-Stack Architecture:** Architected and developed both the backend and frontend of the Blancexchange app, enabling seamless cryptocurrency exchange. Achieved a 98% uptime and improved transaction efficiency by 45%.
- **Blockchain Integration:** Designed and implemented blockchain features to ensure secure and fast transactions, reducing transaction times by 35% and improving security protocols by 50%.

Backend Engineer

07/2022 – present

Codeblaze Academy

Position: Instructor & Backend Developer **Organization:** Codeblaze Academy

- **Mentorship and Skill Development:** Led backend development training programs, mentoring over 100 students in essential backend skills, resulting in a 60% improvement in their project completion rates.
- **E-Library Application Development:** Spearheaded the development of an e-library application aimed at enhancing the self-study experience for University of Nigeria students. The app boosted academic resource accessibility by 70%, enabling students to meet their study goals more effectively.

PROJECTS

Zenia Web Application 🔗

- **Tools Used:** Python, Django, REST Framework, AI backend tools
- **Description:** Developed the backend for an AI-driven web app that automates 3D shape generation and provides a chat system for personalized user interaction.

Blanc Exchange Mobile App 🔗

Project: Blancexchange App

- **Tools :**Python,django,djangorestframework,blockchain
- **Description:** Spearheaded the development of a full-stack application for seamless cryptocurrency exchange, focusing on delivering a robust and efficient user experience.

Cba Study App 🔗

Built restful webservices that were integrated to the client side of the web application

SKILLS

Python, Django ,Django Restframework, Database Administration,Server Administration

Tensorflow,Pandas,Computer Visions, Automation,Docker

EDUCATION

Mechanical Engineering

University of Nigeria Nsukka