

UGWU MICHAEL CHINEMELU

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OBJECTIVE

A dedicated full stack Developer passionate about building scalable web Applications. Seeking opportunities to contribute innovative solutions and drive growth in a dynamic, collaborative environment

EXPERIENCE

Vertexnexa Holdings LLC | Frontend/Next.js Developer (Remote, Contract)

Frontend Remote

- Developed UI designs with MUI, UI/UX designs implementation with protected routings, LLM APIs using Next.js.
- Integrated Restful APIs, REDUX and enhanced user authentication with secure, scalable solutions.

Center Desk Academy

IT Training

- Learnt Python/Django, Javascript/React with Center Desk Academy Enugu Nigeria, with elaborate skill/understanding of backend and frontend web development design principles.

EDUCATION

University of Nigeria Nsukka | B.Sc. Computer Science (2018/2019 – 2022/2023)

Relevant Coursework: Programming, Software Engineering, Data Structures

Projects: Developed a Learning management system for tracking student online classes

SKILLS

Programming Languages

Python, JavaScript, HTML, CSS/SASS

Frameworks & Libraries	React, Next.js, Django/Rest framwork, Selenium
Tools and Platforms	GIT, Redux, Material UI, Tailwind CSS
Database	PostgresQL, db.sqlite3
AWS	EC2

PROJETS

Ecommerce App

Developed a full-stack e-Commerce application using React for the frontend, incorporating state management with Redux. The backend is built with Django/Rest Framework, enabling robust API integration. Designed a responsive user interface utilizing Material UI and CSS. Key features include dynamic product listings, an efficient checkout process, authentication system and a powerful search functionality, enhancing user experience and accessibility. This project showcases my ability to create scalable and maintainable web applications while effectively integrating frontend and backend technologies.

Learning Management System

Created Learning Management System for skill optimization. Implemented Session Authentication with Django CSRF Token protected routes, implemented State Management with React REDUX provided a platform for Teacher Course uploading, and listing of courses on the Teacher Panel. On the Student platform, I implemented course listing, course viewing, Rating System, Favorite Couse functionality and more.

Backend: DJANGO, Frontend:

REACT/REDUX

Real Estate management app

Created Real Estate management app. Implemented Search Filters for asset renting or buying, Implemented REDUX-Toolkit for state Management, implement Django JWT Authentication with Django REST Framework, Implemented Map for easy location of assets listed on the search Results, Implemented Protected Routing with React Router components, Implemented email contact system for easy engagement.

Backend: DJANGO, Frontend:

REACT/REDUX/MATERIAL UI