

UGWU MICHAEL CHINEMELU

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OBJECTIVE

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

EXPERIENCE

Vertexnexus Holdings LLC | Frontend Developer (Remote, Contract)

Frontend Remote (Contract)

- Developed UI designs with MUI, UI/UX designs implementation with protected routings using Next.js/React.js.
- Integrated Restful APIs, REDUX and enhanced user authentication with secure, scalable solutions.
- Collaborates with a cross-functional team to deliver high-quality software on time.

Center Desk Academy

Python/Django Tutor and Developer

- Taught Python and Django framework to over 50 students, ensuring a deep understanding of backend development.
- Worked with a team of developers on building and optimizing Django based applications.

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, Selenium, Django-Rest Framework;
Tools and Platforms	GIT, Redux, Material UI, Tailwind CSS
Database	PostgreSQL, db.sqlite3
AWS	EC2

PROJETS

Check my live projects at [my portfolio site](#)

Authentication System

Implemented Authentication System with Django API Token with Next.js, implemented Redux Toolkit. Created using NEXTJS, REDUX-TOOKIT. Backend: DJANGO, Frontend: NEXTJS/REACT-TOOLKIT/TAILWINDCSS

Ecommerce App

Developed a full-stack e-Commerce application using React for the frontend, incorporating state management with Redux. The backend was built with Django and 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 Course 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

Django Blog System (Django Standalone App)

Developed a blog system using Django standalone mechanism; Implemented Django filter listing based on published posts and is filtered by 'DRAFT' or 'PUBLISHED' posts, implemented Tagging System using Django Taggit library, implemented full text search with Postgres Database, Implemented custom template system, implemented SEO optimization strategies using Django Sitemaps and RSS Feeds subscriptions for easy identification by Google crawlers, implemented comment system, implemented most commented posts fetch functionality, implemented post similarity fetch with Django Taggit etc.