MARVEL IMUZAI

Python Developer / Backend Developer

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EXPERIENCE

Galaxy Backbone, Abuja — *Network Analyst*

April 2022 - May 2023

Galaxy backbone - A Technology company. We provide cloud, colocation, hosting & security services to businesses in the private & public sector.

- Conducted network performance analysis, ensuring optimal data flow and identifying bottlenecks to enhance efficiency.
- Assisted in configuring and maintaining network devices such as routers, switches, and firewalls to ensure secure connectivity.
- Supported the deployment and management of cloud-based solutions, contributing to services like hosting and colocation for public and private sector clients.
- Performed routine network security assessments to identify vulnerabilities and implemented corrective measures to mitigate risks.
- Collaborated with the team to document network configurations, policies, and troubleshooting procedures for operational efficiency.

Stack: Microsoft Excel, PowerBi

NIIT, Warri — *Backend Developer*

November 2023 - September 2024

National institute of information technology - A multinational education-oriented organization focused on information and computer technology

- Developed, and managed scalable web applications using Python and Django.
- Developed CRUD-based applications, such as a "To-Do List," to demonstrate robust data management capabilities.
- Integrated databases like SQLite and PostgreSQL with Django ORM, creating systems like a "Library Management System" with optimized database relationships.
- Designed and implemented RESTful APIs using Django Rest Framework (DRF), including a "Blogging API" to manage posts and user interactions programmatically.
- Collaborated using Git and GitHub for version control and contributed to a team project—a "Blog Portal" with authentication, dynamic search functionality, and user profile management.

Stack: Javascript, Django, Bootstrap, SQLite, MySQL, Django Rest Framework

EDUCATION

SKILLS

Technologies: Django, Python, Javascript, React, SQLite, MySQL

OS/Tools: Jira, Notion, Trello, Git

Soft Skills: Critical thinking, Problem solving, Analytical thinking

CERTIFICATIONS

NIIT - Certification of programming with python

UDEMY - Python Django: The practical guide

UDEMY - The complete python bootcamp from zero to hero

CCT - Comptia A+ Essentials 220 - 801 & Comptia A+ Practical Application 220 - 802

CCT - Web Design

Benson Idahosa University, Nigeria — *BSC. Computer Science*

2019 - 2021

Relevant Coursework: Operating system principles and concepts, Basic concepts of programming, data structure and algorithms, introduction to database design and implementations

Activities: Wrote a thesis on design and development of a mobile security system for data cryptography and key hash algorithms, participated in talks and organizing workshops, seminars and local meetups

PROJECTS

Let's Talk — *(Python, Django, Bootstrap, SQLite)*

Developed a full-featured blog application using Python, Django, Bootstrap, and SQLite. The project included a secure login and registration system, allowing only registered users to comment on blog posts. It featured a user-friendly dashboard with full CRUD functionality for managing blog content and a responsive design powered by Bootstrap. SQLite was utilized for efficient data storage, handling user accounts, blog posts, and comments effectively. This project demonstrated expertise in full-stack development, authentication, and database management.

Source code: https://github.com/MarvelImuzai-001/lets-talk-blog-django

Aisha Blog — *(Python, Django, CSS, SQLite)*

Developed a dynamic blog application using Python, Django, Bootstrap, and SQLite. The platform featured a category-based browsing system, allowing users to filter posts by interests. Implemented a save-for-later functionality, enabling users to bookmark posts for future reading. Integrated a secure login and registration system, ensuring data privacy. Leveraged Django's ORM for efficient database management of users, categories, and posts. Delivered a responsive and user-friendly interface using Bootstrap. This project demonstrated expertise in backend development, database optimization, and creating user-focused features.

Source code: https://github.com/MarvelImuzai-001/Aisha-blog-django