

Ekeminiabasi Udongwo

Software Developer

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📍 Uyo, Nigeria.

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🔗 <https://github.com/Kemzzy-Dev>

Profile

A passionate backend developer with expertise in database design, configuration, and application development. Professional with a high level of motivation and attention to detail. Designed and implemented solutions to real-life problems with tools like Python, Flask, and Django. Skilled in project management, data analysis, and process optimization.

Skills

Python | Django | AWS |
Flask | Docker | SQL |
DevOps | Postgres | AWS |
Version Control (Git, Github) |
Teamwork | Terraform

Certificates and Awards

Udacity Nanodegree
Fullstack Engineer

ALX-T FULL STACK DEVELOPER
Udacity

Squad Hackathon
GTco

Professional Experience

Backend/DevOps Junior engineer, *SkywardsOps*

September 2023 – present | Nigeria

- Executed website deployments utilizing Infrastructure as Code (IaC) platforms such as Pulumi and Terraform, ensuring streamlined and reproducible deployment processes for enhanced scalability and efficiency.
- Orchestrated the provisioning and maintenance of AWS services, including but not limited to Amazon S3 and EC2 instances, adhering to best practices to uphold optimal performance, security, and reliability of the cloud infrastructure.
- Developed and implemented Lambda functions to automate the detection and resolution of real-time server errors and issues, bolstering system resilience and enabling proactive response to potential disruptions, thereby ensuring uninterrupted service delivery.

Software Developer(frontend), *Smart Domeo*

August 2023 – February 2024

- Managed the frontend development for Smart Domeo's v3 desktop app, enabling a smooth shift from the web-based v2 version, and broadening accessibility across various companies.
- Utilized Python and PyQt to design and deploy a sturdy frontend framework, facilitating effective representation of numerical calculations, statistical assessments, and data presentation.
- Conducted thorough testing and debugging protocols to pinpoint and rectify software glitches, guaranteeing peak performance and dependability.

BACKEND ENGINEER INTERN, *HNGx*

September 2023 – October 2023 | Uyo, Nigeria

- Collaborated effectively within a team environment to successfully fulfill assigned tasks and objectives, demonstrating strong teamwork and coordination skills throughout project completion.
- Spearheaded the development of an innovative event management platform, leveraging Django as the robust backend framework. Implemented strategic enhancements to optimize efficiency and bolster the platform's resilience, ensuring seamless performance and user satisfaction.

Education

B.Sc IN COMPUTER SCIENCE,

University of Uyo 

August 2020 – present

Uyo, Nigeria

Highschool, El-shaddai Academy

Benin City, Nigeria

Interests

Organizing | Languages |
Arduino/IOT | Instruments

- Orchestrated the formation of a specialized unit within our team, entrusted with the responsibility of deploying the application using cutting-edge DevOps tools and continuous integration/continuous deployment (CI/CD) practices on the AWS cloud infrastructure. Led the team through meticulous planning, execution, and monitoring phases to ensure the successful deployment and ongoing operational excellence of the application.

BACKEND ENGINEER, Freelancer

April 2022 – present | Uyo, Nigeria

- Developed detailed designs and drawings for new products and equipment.
- Conducted comprehensive testing and analysis of new and existing systems to ensure quality and performance.
- Determined proper materials needed for use in certain projects.
- Implemented or tested design solutions.

Projects

Blog Application

Technology: Python, Django, Docker, PostgreSQL, Postman, Pytest

- The blog application was meticulously crafted following the Model-View-Template (MVT) architectural pattern within the Django framework, ensuring a structured and scalable design approach for efficient development and maintenance.
- Additionally, an administrative session was implemented to provide seamless management capabilities for the blog. This included functionalities to effortlessly add new blog posts, delete existing ones, and perform edits as needed, empowering administrators with robust control over the blog's content and presentation.

Coffee Shop

Technologies: Django, JWT, MariaDB, OAuth2

- The coffee shop application leverages OAuth2 for streamlined user authentication and authorization, ensuring secure verification and seamless management of user permissions.
- Throughout the development process, proficiency was gained in working with JSON Web Tokens (JWTs) and Role-Based Access Control (RBAC), enabling precise control over user privileges and access rights within the application.