MARTIN AGOHA OBIARANDU

Certified Cloud Solutions Architect & Skilled Backend Engineer
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Professional Summary

I am a certified Solutions Architect with credentials from both AWS and Google, specializing as a backend engineer with deep expertise in Python, particularly with Flask and Django frameworks. My technical foundation is further enhanced by a solid understanding of frontend development, enabling me to create seamless integrations between server-side and client-side components. With a strong background in developing scalable, robust web applications, I am proficient in database management, API development, and optimizing backend performance. My certifications in cloud architecture equip me with the skills to design and deploy fault-tolerant, high-availability systems on the cloud, ensuring that my solutions meet the highest standards of reliability and scalability. I am passionate about driving innovation and delivering technical excellence to propel organizational success.

Experience

Product Support Engineer
Remm Technologies | August 2024 – Present

- Provide technical support to organizations in product deployment, configuration, and maintenance.
- Troubleshoot and resolve issues related to cloud infrastructure and cybersecurity solutions.
- Assist in implementing cloud-based services and security best practices.
- Collaborate with clients to address technical challenges and deliver tailored solutions.
- Ensure system performance, integration, and data security across various platforms.
- Conduct user training to improve product usage and effectiveness.
- Monitor and maintain client environments, aligning with industry standards for cybersecurity and cloud management.

Backend Developer Trainee
TechQuest Stem Academy | March 2024 – May 2024

- Gained hands-on experience in backend development using PHP Laravel and Python Django.
- Assisted in developing and maintaining web applications, focusing on server-side logic, database integration, and API development.
- Participated in code reviews and debugging sessions, enhancing code quality and performance.
- Collaborated with front-end developers to ensure seamless integration and functionality of applications.
- Attended workshops and training sessions on best practices in backend development and emerging technology.

Job Shadowing
INTERSWITCH | January 2024 – March 2024

- Observed the design and implementation of a multi-tenant eCommerce platform, learning about complex backend architecture and database management.
- Participated in development and code review sessions, focusing on multi-tenancy best practices and scalable solutions.
- Assisted in testing and debugging the eCommerce platform, utilizing various testing frameworks and tools.

Cyber Security Analyst Trainee (Coursera)
IBM Cybersecurity Training Program | March 2023 – March 2024

- Successfully completed a comprehensive training program, acquiring in-depth knowledge of cybersecurity principles, threat detection methodologies, incident response strategies, and risk mitigation techniques.
- Gained practical experience with industry-standard tools and techniques for comprehensive cybersecurity analysis.
- Honed incident response skills through participation in simulated cybersecurity scenarios.

Education

Software Engineering with Backend Specialization
ALX (Affiliated with Holberton School) – June 2022

- Completed a comprehensive training program specializing in software engineering with a focus on backend development.
- Acquired advanced skills in backend technologies, including Python, Django, and database management systems.
- Developed proficiency in designing and implementing scalable APIs, database schemas, and backend architectures.

B.Eng. Chemical Engineering
Federal University of Technology, Owerri – November 2008 – September 2014

Certifications

- **AWS Certified Solutions Architect – Associate** | Amazon Web Services (AWS) – Archieved, November, 2024.
- **AWS Certified Cloud Practitioner** | Amazon Web Services (AWS) – Achieved: July 2024.
- **Google Cloud Certified Associate Cloud Engineer (In Progress)** | Google Cloud – Certification in view
- **Software Engineer (Backend Specialization)** | ALX (Affiliated with Holberton School) – June 2022

Internships and Projects

Backend Developer (Intern)
H n G X, Lagos | September 2023 – December 2023

- Refactored two sub-apps in the system to enhance performance, code readability, and data analysis.
- Demonstrated the ability to pick up new technologies quickly and contribute effectively to the team.
- Designed backend logic with Flask Python framework and wrote unit tests to evaluate code coverage.
- Collaborated with a multidisciplinary team, troubleshooting and debugging software to improve efficiency.

Projects:

- **Donation Tracker for a Global Church (AWS Hosted)**
  - Developed a donation tracking system for a global church organization, enabling secure donation management, tracking, and reporting.
  - Hosted on AWS to ensure high availability and scalability, with robust security measures aligned with best practices for data protection.
- **Network Security Assessment**
  - Conducted vulnerability assessments and penetration testing.
  - Analyzed network traffic and delivered detailed reports on security weaknesses.
  - Provided actionable recommendations for security improvements.
- **Incident Response Simulation**

- o Simulated various security incidents and documented response procedures.
- o Provided insights to improve and refine incident response plans.
- **E-commerce Platform**
  - o Developed a comprehensive e-commerce platform with features such as product management, user authentication, cart handling, and secure payment gateways.
- **Airbnb-like Accommodation Booking Platform**
  - o Created a web application for booking accommodations, including property listings and booking management.
  - o Integrated Google Maps API to enhance location-based search functionality.
- **Company Dashboard Application**
  - o Implemented user authentication and developed full CRUD functionality.
  - o Designed distinct dashboards for admin and regular users using Laravel.