

Isiaka Mosudi

**IT Network Infrastructure Specialist
& Systems Engineer**

Bridging Operations,
Engineering Discipline,
and Strategic
Infrastructure.

10+

YEARS EXPERIENCE

MSc

CANDIDATE (IoT & SMART SYSTEMS)



MULTI-REGION SUPPORT

Operational Excellence & Strategic Value

A hands-on infrastructure specialist moving beyond reactive firefighting to build robust, scalable systems. Focused on availability, security, and enabling product delivery through reliable infrastructure.

The Philosophy: How I Work



Proactive Monitoring

Structured incident response over reactive fixes.
Diagnosing complex issues before they impact availability.



Engineering Discipline

Automating repetitive processes and taking full ownership of system health.



Continuous Improvement

Documentation, rigor, and a focus on long-term stability rather than quick patches.

Technical Arsenal

Core Infrastructure



Linux (Ubuntu/CentOS)



Windows Server



Active Directory



Group Policy



Virtualization & Cloud



VMware vSphere



GlusterFS



Docker



AWS (EC2, S3)



Azure

DevOps & Code



Python (Flask/FastAPI)



Git



Ansible

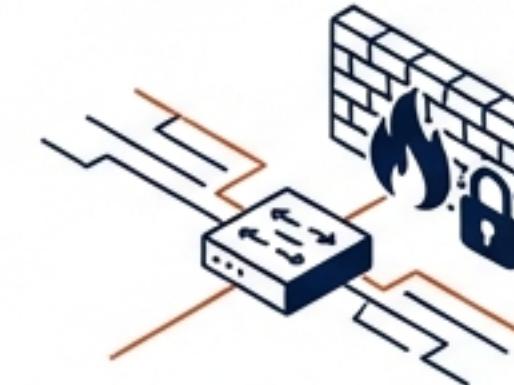


CI/CD Pipelines

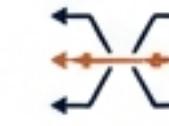


Bash

Networking



DNS



VLANs



Firewalls

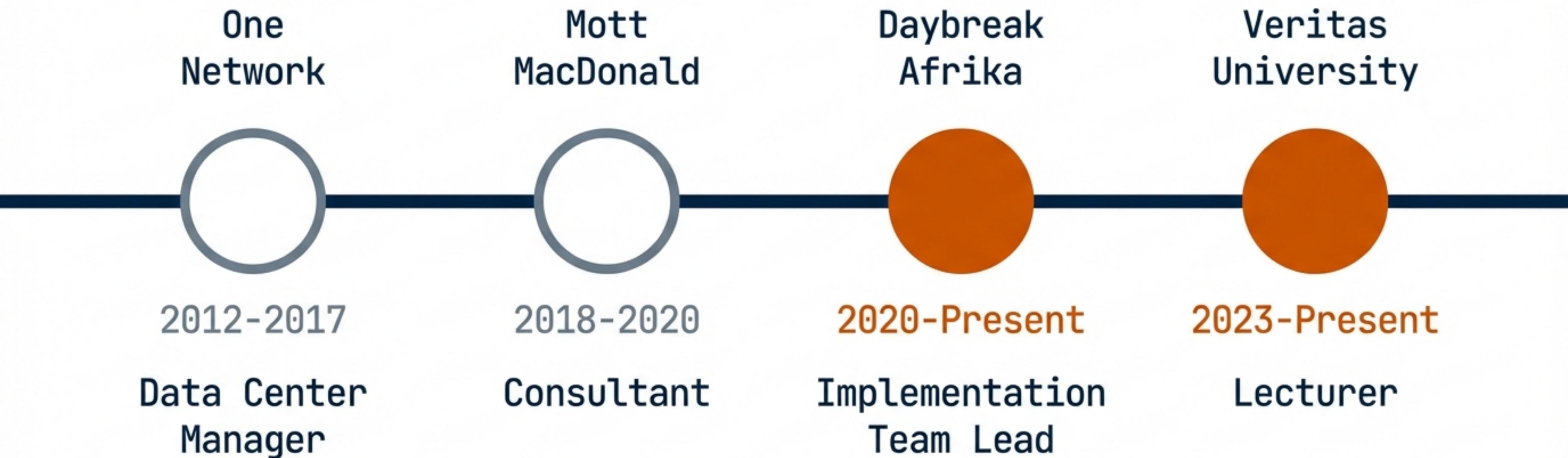


Routing



DHCP

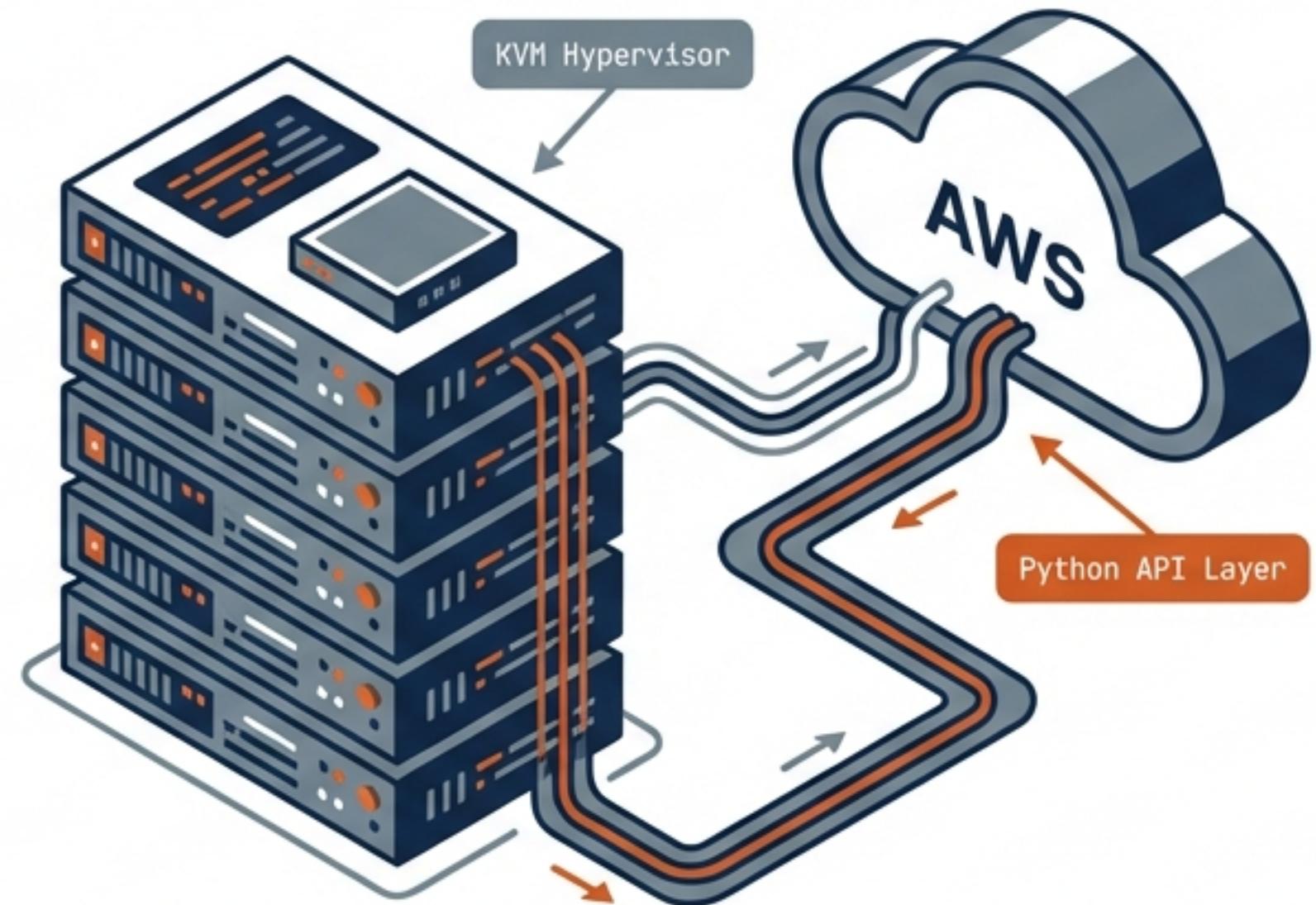
Professional Journey



Leadership & Deployment

Daybreak Afrika Technologies | Enterprise Solution Implementation Team Lead

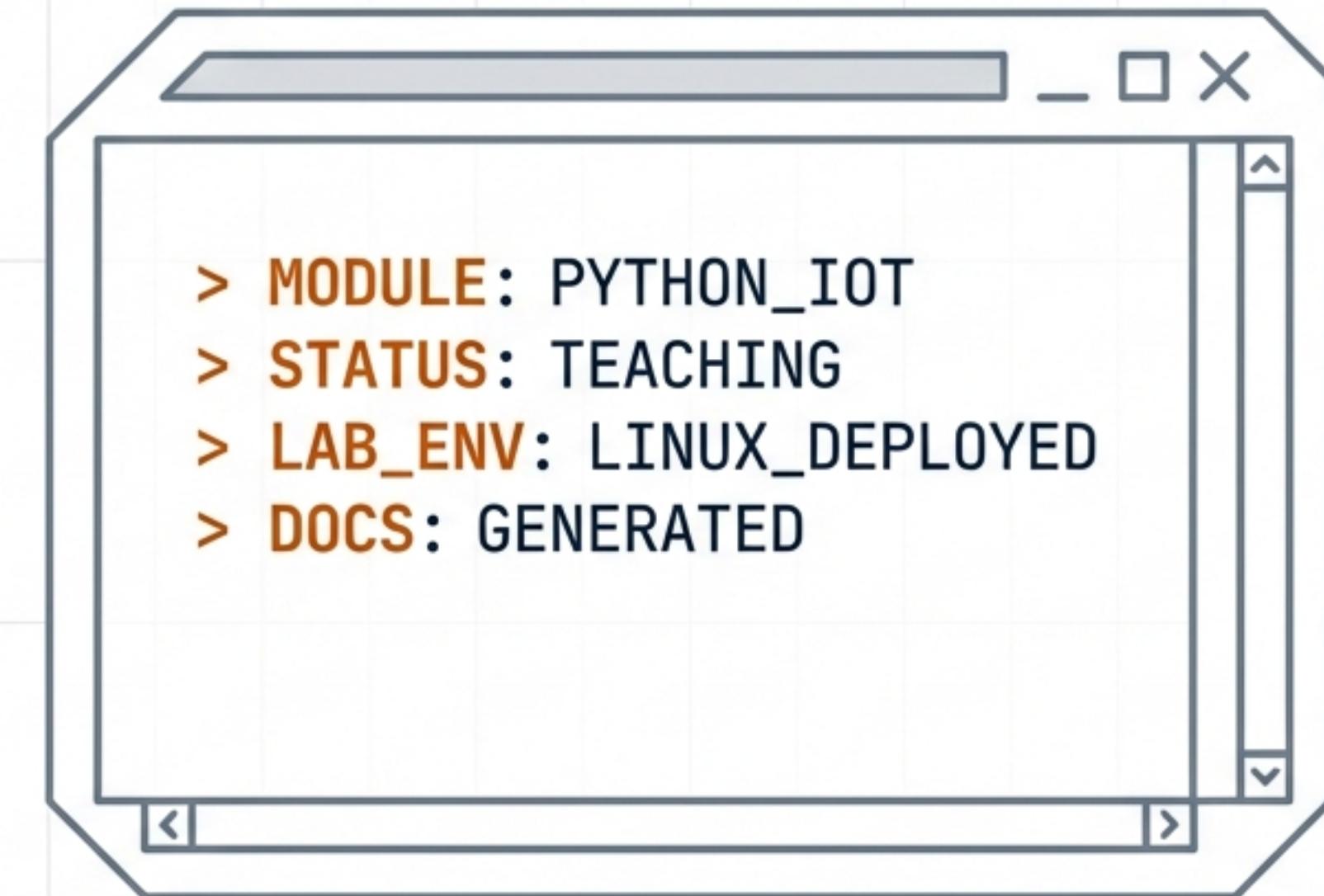
- ✓ Supervised a team of four technicians, ensuring compliance and standards.
- ✓ Designed and deployed a hybrid data center using KVM, GlusterFS, and VMware.
- ✓ Developed SaaS REST/GraphQL API platforms using Python/Flask on AWS.



Mentorship & Theoretical Mastery

Veritas University Abuja | Lecturer II, Software Engineering

- ✓ Teaching modules in Python, Git, IoT, and Networked Systems.
- ✓ Developing Linux-based lab environments for student demonstration.
- ✓ Creating self-service troubleshooting guides and system documentation.



Regional Scale & Enterprise Support

Mott MacDonald | IT Consultant



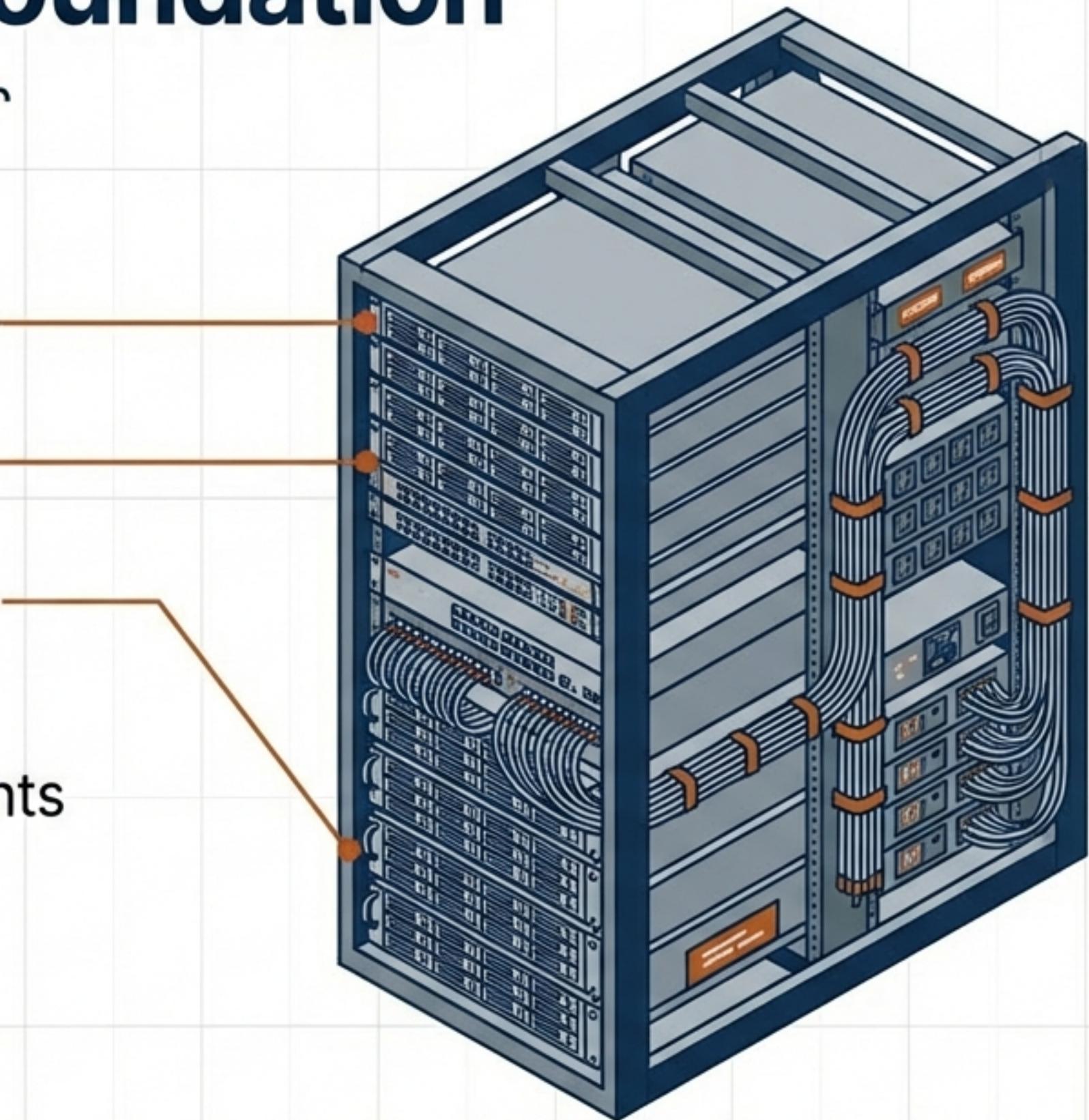
- ✓ Delivered 1st/2nd line support across 4 countries.
- ✓ Managed Jira-based ticket lifecycles within strict service windows.
- ✓ Coordinated patching and compliance with global infrastructure teams.

The Infrastructure Foundation

One Network | Data Center Manager

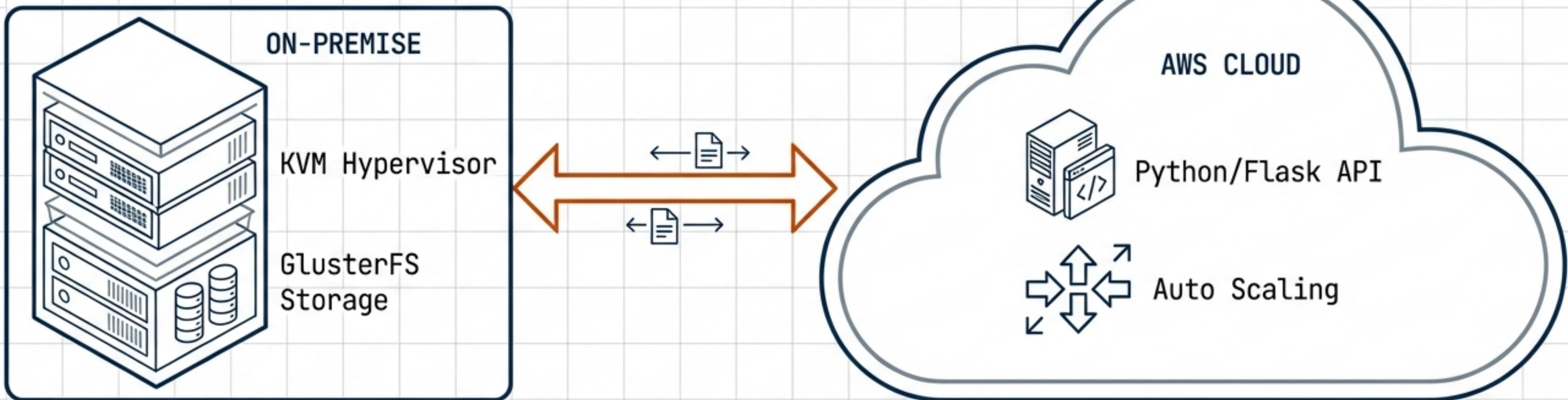
- ✓ Physical: Rack Installation & Cabling
- ✓ Virtual: KVM Platforms & GlusterFS
- ✓ Process: Disaster Recovery Planning

Built mission-critical hosting environments from the ground up. Managed high availability virtualization and executed physical infrastructure deployments.



Project Spotlight: Hybrid Cloud Architecture

Scalability for Daybreak Afrika



The Challenge:

Need for scalable API platforms and reliable storage.

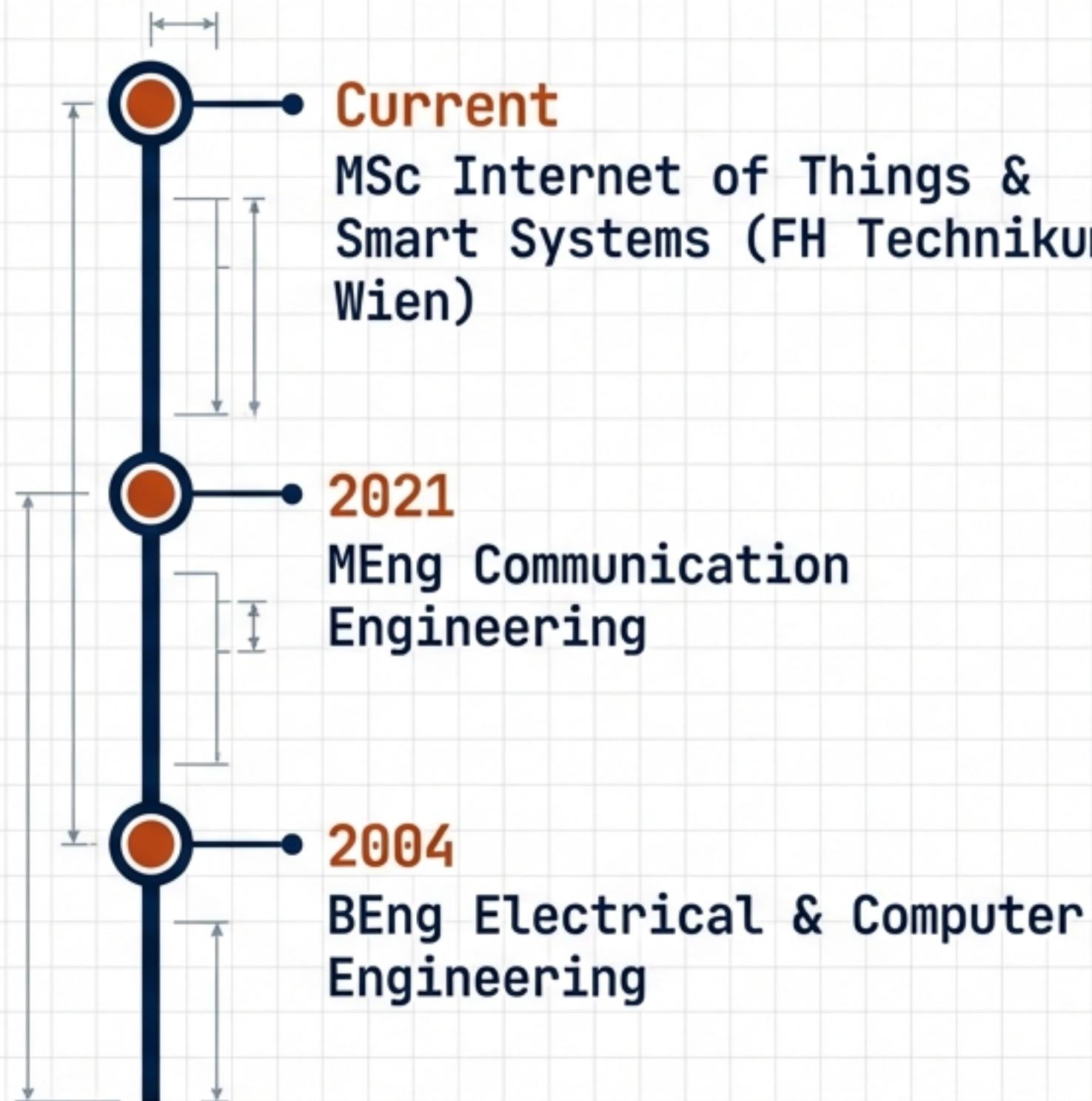
The Solution:

Hybrid DC design paired with cloud-native APIs.

The Result:

Enhanced reliability and automated product ecosystems.

Education & Credentials



Certifications



Languages:
English (Fluent) | German (In Progress)

Why Isiaka?



Dual strength in Operations (Infrastructure/Support) and Development (Python/APIs).



10+ years of proven experience from physical data centers to cloud-native environments.



Global mindset with experience in Austria and West Africa.



Passion for documentation, automation, and long-term system stability.

Ready to Build Robust Infrastructure.

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