

Michael Owen Maoga

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Profile

Cloud Support Associate & Junior Software Developer adept at troubleshooting cloud infrastructure (AWS) and developing software applications. Leverages skills in scripting (Python/Bash), Linux, system administration, and Agile methodologies to resolve technical issues and deliver efficient code.

Professional Experience

- Cloud Support Engineer Intern**, *Amazon Web Services* ✎ Nairobi, Kenya
- IT Support Attaché**, *County Assembly of Nyamira* ✎ Nyamira, Kenya
- IT Support Attaché**, *James Finlays' (Kenya) Limited* ✎ Kericho, Kenya

Education

- Diploma In Information Communication and Technology**, Nairobi, Kenya
The Nairobi National Polytechnic (TNNP) ✎

Skills

Cloud Computing Concepts:

AWS (EC2, S3, Lambda, VPC, IAM, RDS, CloudWatch, CloudFormation);

Networking Fundamentals: Understanding of basic networking concepts (TCP/IP, DNS);

Managing and coordinating user support help desk;

Supporting network, faults trouble-shooting, and secure sharing of network resources;

Splice and terminating fibre cable

General routine maintenance and service of computers, photocopies and other peripherals

Virtualization: Familiarity with virtualization concepts.

Cloud Infrastructure:

Managing and optimizing cloud-based infrastructure (virtual machines, networks, storage).

Operating Systems: Proficiency in Linux and Windows operating systems.

Configuring the computer's initial settings;

Installing and testing required softwares;

Hardware maintenance and parts replacements;

Maintain personnel system and IPPD

Terminating network points and resolving faulty network point

Cloud Architecture:

Designing and implementing scalable, secure, and cost-effective cloud solutions.

Cloud Data:

Managing and securing data in cloud environments, including storage, databases, and analytics.

Projects

Solar-Powered Computer Lab in a Shipping Container for Kenyan Learners,

United Nations SDG Digital Gamechangers Award Finalist 2024

Key Responsibilities

Led the implementation of a sustainable solar-powered computer lab solution for needy communities in Kenya.

Contributed to developing a project recognized due to its novelty in dealing with digital education by UN, ITU, and UNDP, among others;

Collaborated with the local communities to identify needs, ensuring sustainability.

Achievements:

Successfully deployed a fully functional, solar-powered computer lab in Mombasa;

Improved digital literacy and skills of students;

Contributed to a well-acclaimed project by the United Nations, ITU, and UNDP for its avant-garde approach to educating people digitally.

Volunteering

IT Support Volunteer, *Robotics Society of Kenya* 

Mombasa, Kenya

Awards

Finalist, Top 20 SDG Digital GameChangers Award (2024), UN,UNDP and ITU,UN headquarters, New York,USA.