

OMOLLO VICTOR

| **Certified Cloud Practitioner** |

| *Software Engineer / Cybersecurity Expert / Full-Stack Developer*

Nairobi, Kenya

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🔗 [Portfolio](#) | 🔗 [LinkedIn](#) | 🔗 [GitHub](#)

PROFESSIONAL SUMMARY

A dedicated and results-oriented **Certified Cloud Practitioner** with a robust background in cloud computing, software engineering, and cybersecurity. Adept at leveraging AWS technologies to design, deploy, and optimize cloud-based solutions, ensuring scalability, security, and cost efficiency. Proven experience in full-stack development, automation, and cloud architecture, with a focus on real-world problem-solving and optimizing cloud infrastructure to deliver business value.

EXPERIENCE

Cloud Solutions Engineer

TechTinker / Nairobi, Kenya

March 2024 – Present

- Architected and deployed cloud-based solutions using AWS services (EC2, Lambda, S3, RDS) to enhance application scalability, reducing infrastructure costs by 20% through serverless architecture.
- Automated infrastructure provisioning using AWS CloudFormation and Terraform, resulting in a 40% reduction in setup time.
- Managed cloud infrastructure performance and monitoring with AWS CloudWatch and CloudTrail, improving uptime and reducing downtime by 30%.
- Implemented cloud migration strategies, transitioning on-premise systems to AWS with minimal disruption and optimized cloud resource allocation.

Lead Software Engineer

TechTinker / Nairobi, Kenya

March 2024 – Present

- Designed and deployed full-stack cloud applications leveraging AWS EC2, Lambda, and S3, ensuring secure, scalable, and efficient solutions.
- Integrated AWS RDS and DynamoDB for high-availability data management, supporting secure user authentication and optimized database performance.

- Spearheaded the development of the Universal Resource Hub, incorporating AWS cloud technologies to handle dynamic data and ensure seamless access to learning resources.
- Led the rebuild of MMU's eLearning platform using AWS services to ensure a scalable, responsive, and future-proof solution.

Founder & Technical Lead

TechTinker / Nairobi, Kenya

January 2024 – Present

- Established TechTinker, a tech platform providing cloud-related educational content on AWS and software development to a growing community of 6.9K+ subscribers.
- Developed cloud-based solutions using AWS Amplify and S3, optimizing content distribution and enhancing user experience across multiple platforms.
- Produced over 40 technical content pieces, including cloud infrastructure tutorials and real-world AWS case studies, with a focus on practical application of AWS technologies.
- Managed and delivered cloud computing tutorials, contributing to over 1,000 engagements per content series and helping drive significant community growth.

Speaker

Nairobi DevFest 2024

March 2024

- Delivered a well-received presentation on "Utilizing AWS for Scalable Web Solutions," focusing on EC2, Lambda, and CloudWatch for application optimization.

Organizer

MMU Hack Day 2024

April 2025

- Orchestrated a successful hackathon with 100+ participants, guiding teams in building cloud-based solutions and utilizing AWS services to enhance scalability and performance.

KEY ACHIEVEMENTS

- **Cost Optimization:** Reduced infrastructure costs by 20% by migrating systems to AWS serverless technologies (Lambda, S3).
- **Automation:** Streamlined cloud infrastructure deployment, reducing setup times by 40% through AWS CloudFormation and Terraform automation.
- **Performance Enhancement:** Reduced downtime by 30% through proactive monitoring and optimization using AWS CloudWatch.
- **Community Engagement:** Grew a tech community of 12K+ followers across multiple platforms, maintaining a high retention rate of over 85%.

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** – eMobilis & Ajira Digital
- **Software Engineering Certificate** – PLP Africa
- **Web Requests Module** – Hack The Box Academy

TRAINING / COURSES

- **AWS Cloud Certification** – eMobilis & Ajira Digital | January 2025 – April 2025
- **Software Engineering** – PLP Africa | March 2025 – Present
- **Cybersecurity Essentials** – Hack The Box Academy | 2024 – February 2025

EDUCATION

Bachelor of Journalism and Digital Media

Multimedia University of Kenya, Faculty of Media & Communication and IT

Currently Studying (Second Class Honors – Upper Division, GPA: 3.34)

- Developing a digital platform to monitor government projects using AWS and ReactJS to enhance transparency and civic engagement.

SKILLS

- **Cloud Platforms:** AWS (EC2, Lambda, S3, RDS, CloudWatch, CloudFormation, DynamoDB, Amplify)
 - **Programming Languages:** JavaScript, Python, HTML, CSS, SQL, TypeScript
 - **DevOps & Workflow:** GitHub Actions, Netlify, Vercel, CI/CD, Terraform
 - **Security:** AWS Security Best Practices, Offensive Security, Cloud Security Architectures
 - **Frameworks & Tools:** Next.js, React.js, Node.js, Tailwind CSS, Supabase
 - **Soft Skills:** Leadership, Teamwork, Communication, Technical Documentation, Public Speaking
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