Vincent Omondi Owuor

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Professional Summary

Aspiring cloud computing and cybersecurity specialist with hands-on experience gained through continuous learning, training programs, and academic projects. Proficient in AWS cloud services, network security principles, and system administration. Strong foundational knowledge in Linux, networking and software development, with a keen interest in securing digital infrastructures and optimizing IT systems.

Technical Skills

Cloud Computing : AWS

- Configured and managed AWS services, including EC2, S3, IAM, VPC, and RDS through hands-on labs in AWS sandbox environment.

- Gained experience in cloud security principles and AWS best practices.

- Explored Infrastructure as Code (IaC) for cloud resource provisioning.

Cybersecurity & Networking

- Practiced penetration testing techniques using Kali Linux in a controlled virtual box environment.

- Learned and applied network security measures such as firewall configurations and access control lists.

- Studied cybersecurity frameworks, including ISO 27002:2022, for compliance and risk management.

Software Development

- Developing a PHP, Javascript-based student attachment platform with authentication and role-based access control as an academic project.

- Built interactive front-end interfaces using HTML, CSS, and JavaScript for online attachment platform.

- Integrated MySQL databases and applied form validation techniques in PHP and Javascript for data security.

Certifications & Training

- **AWS re/Start Program** – Training in AWS cloud services, Linux, networking, and security.

- **Introduction to Cybersecurity** – Cisco Networking Academy.

- **Ethical Hacking** – Cisco Networking Academy.

- **Kali Linux** – Udemy.

Projects & Learning Experience

- **Student Attachment Platform:** Building a PHP-based platform for students to upload resumes and track applications.

- **AWS Cloud Labs:** Configured and deployed cloud environments through hands-on AWS training sandbox labs.

- **Cybersecurity Research:** Explored vulnerability assessment techniques and encryption principles in CyberChef.

- **GitHub Contributions:** Enhanced version control through collaboration, pushing code, submitting pull requests, and improving repository structure on GitHub for the online application system

Soft Skills

- Problem-solving and troubleshooting technical issues

- Effective communication and teamwork

- Quick learner, adaptable to new technologies

- Strong attention to detail and security awareness

- Leadership and knowledge sharing

Education

Bachelor of Science in Information Technology
Masinde Muliro University of Science and Technology (MMUST) | Expected Graduation: December 2026

Extracurricular & Leadership

- Selected among 392 out of 4,000 applicants for the Ajira AWS re/Start Program.

- Active participant in GDG cybersecurity and cloud computing communities

- Passionate about sharing knowledge through blogging and community engagement.

Tools & Technologies

AWS | Linux | Kali Linux | HTML|CSS | PHP | JavaScript | MySQL | Git | CyberChef