

PAULINE ANDEGE OMONDI

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PROFESSIONAL SUMMARY:

Cloud Engineer with hands-on experience in AWS, Linux, networking, and developer support. Skilled in VPC design, IAM/Identity Center (SSO), routing, and network security. Experienced in working with EC2, S3, RDS PostgreSQL (basics), Load Balancers, and Bastion hosts. Trained through the AWS re/Start program with practical knowledge in cloud architecture, security, DR/backups, high availability, Python, Bash, and IaC. Familiar with AWS Organizations, multi-account setups, and cloud environment separation. Strong in troubleshooting, optimization, and supporting teams with environment setup. AWS Certified Cloud Practitioner (CCP).

SKILLS

- Cloud & DevOps – AWS (CloudWatch, EC2, S3, Lambda, IAM, Identity Center/SSO, DynamoDB, Fargate, Load Balancers), Docker, Terraform, CloudFormation.
- Programming/Scripting – Python, Bash
- Systems & Tools – Linux (Ubuntu, Kali), Git/GitHub
- Databases – MySQL, MongoDB
- Networking – Troubleshooting, system administration, LAN configuration.
- Architecture & Operations – VPC design (subnets, routing, NACLs, security groups), backups, high availability, cloud budgets.
- Professional Skills – IT support, customer service, teamwork, problem-solving, developer support.

CERTIFICATIONS

- AWS Certified Cloud Practitioner (AWS CCP)
- AWS re/Start Graduate — Cloud Engineering (12 Weeks)
- Certificate in Cloud Computing — Azubi Africa
- Certificate in Ethical Hacking — Zalego Academy.

RELEVANT IT EXPERIENCE

Regional Commissioners, Embu

IT attaché

Embu, Kenya

July 2021 – December 2021

- Supported 70+ users by resolving software, hardware, and network issues in a regulated, security-focused environment.
- Assisted in VPC-like LAN configuration, routing, and security controls to keep systems stable.
- Performed system backups, antivirus checks, and supported disaster recovery processes.
- Installed and updated systems following security and compliance policies.
- Documented issues and provided troubleshooting support to improve system reliability.

ADDITIONAL WORK EXPERIENCE

Kenmeat Limited

Nairobi, Kenya

Sales/Merchandising

April 2022 – November 2024

- Increased sales by 75% through consumer education and strong client relationships.
- Analyzed feedback to optimize sales strategy and prepared digital performance reports.
- Coordinated stock availability and timely deliveries with cross-functional teams.

PROJECTS

- **Image Processor on AWS** – Automated image processing with Python, Lambda, S3, AWS DB, Terraform, Github Actions, and Docker.
- **Cohort Dashboard Tool** – Built and deployed a monitoring dashboard using AWS services, Python, Linux, Github Actions, CloudFormation, and Docker.
- **Malware & APK Reverse Engineering** – Reverse-engineered WannaCry ransomware and Android APKs using Ghidra, APKtool and jarsigner.
- **Fast-Food Ordering System** – Developed a web-based food ordering system using HTML, CSS, JavaScript, and PHP.

EDUCATION

Mount Kenya University

Bachelor of Science in Information Technology

Nairobi, Kenya

September 2022 – December 2025

- Coursework: Data structures and algorithms, database systems, OS, network security, software engineering and web development.

Azubi Africa

Certificate in Cloud Computing

Online

May 2024

- Gained knowledge of cloud computing such as Linux administration, Python, Git/GitHub, Github Actions, Terraform, Docker, AWS services.

Zalego Academy

Certificate in Ethical Hacking

Nairobi, Kenya

November 2019

- Conducted penetration testing on a simulated network using Kali Linux, Metasploit, Nmap, Wireshark, and other tools.
- Identified and exploited vulnerabilities such as SQL injection, XSS, buffer overflow, and password cracking.

Chuka University of Science and Technology

Diploma in computer science

Embu, Kenya

December 2021

- Gained knowledge in installation and customization, computer networks and the internet, programming and algorithms, IT support and customer care, and database systems.

ADDITIONAL INFORMATION

- Remote work ready – Access to high speed internet (20Mbps+ with backup ISP), and a well-equipped remote workspace.
- Languages – Fluent and proficient in English.
- Time Zone flexibility – Comfortable working across global time zones.
- Mobility – Open to relocation.