

PAULINE ANDEGE OMONDI

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PROFESSIONAL SUMMARY:

Adaptable IT professional seeking entry-level and internship opportunities in Cloud Computing, IT Support, Networking, and Cybersecurity. Skilled in AWS (DynamoDB, CloudWatch, EC2, S3, Lambda, IAM), Linux, Python, Docker, and ethical hacking tools with proven experience in troubleshooting, customer service, and delivering technical solutions through projects and professional roles.

EDUCATION

Mount Kenya University	Nairobi, Kenya
<i>Bachelor of Science in Information Technology</i>	<i>September 2022 – Present (final semester)</i>

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

Azubi Africa	Online
<i>Certificate in Cloud Computing</i>	<i>May 2024</i>

- Gained knowledge of cloud computing such as Linux administration, Python basics, Git/GitHub, Docker, AWS compute, and AWS storage.

Zalego Academy	Nairobi, Kenya
<i>Certificate in Ethical Hacking</i>	<i>November 2019</i>

- 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	Embu, Kenya
<i>Diploma in computer science</i>	<i>December 2021</i>

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

RELEVANT IT EXPERIENCE

Regional Commissioners, Embu	Embu, Kenya
<i>IT attaché</i>	<i>July 2021 – December 2021</i>

- Supported 45+ staff by troubleshooting hardware, software, and network issues.
- Installed and updated software, ensuring compliance with security standards.
- Assisted in LAN configuration and maintenance for seamless communication.
- Performed backups, antivirus scans, and documented resolutions for future reference.

ADDITIONAL WORK EXPERIENCE

Kenmeat Limited	Nairobi, Kenya
<i>Sales/Merchandising</i>	<i>April 2022 – November 2024</i>

- 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, and Docker.
- **Cohort Dashboard Tool** – Built and deployed a monitoring dashboard using AWS, Python, Linux, 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.

SKILLS & INTERESTS

- **Technical Skills:** AWS (CloudWatch, EC2, S3, Lambda, IAM, DynamoDB, Fargate), Python, Bash, Linux (Ubuntu, Kali), Docker, Terraform, Git/GitHub, MySQL, MongoDB, Networking, Troubleshooting.
- **Professional Skills:** IT support, customer service, teamwork, problem-solving.

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.