

My Resume

ENOCK ODONGO

Network Engineer & Cybersecurity Specialist

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Portfolio: <https://enock-odongo.github.io/tech-solution/>

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GitHub: github.com/enockodongo

PROFESSIONAL SUMMARY

Results-driven Network Engineer and Cybersecurity Specialist with proven experience in designing, implementing and securing enterprise-level network infrastructures. Skilled in VLAN segmentation, routing protocols, firewall configuration and vulnerability management. Passionate about delivering secure, scalable and efficient network solutions aligned with industry best practices and standards.

CORE SKILLS

VLAN Configuration and Inter-VLAN Routing

Cisco ASA Firewall and ACL Management

DHCP, NAT, and Static/Dynamic Routing

Device Hardening and Network Security

Wireless LAN Design and Implementation

Vulnerability Assessment and Reporting

Incident Response and Forensics

Network Simulation (Cisco Packet Tracer, GNS3)

Network Troubleshooting and Optimization

TECHNICAL PROFICIENCIES

Networking Tools: Cisco Packet Tracer, GNS3, Wireshark

Security Tools: Kali Linux, Nmap, Nessus, OpenVAS

Protocols: TCP/IP, OSPF, EIGRP, BGP, DHCP, NAT, ACL

Operating Systems: Linux (Kali, Ubuntu), Windows Server

Languages: HTML, CSS, JavaScript (for dashboard and UI projects)

Others: MySQL (for small security logging apps), Bash scripting basics

PROJECT EXPERIENCE

Enterprise Network Design - Lakeview Level 5 Hospital

Designed a scalable enterprise network using Cisco routers and L3 switches across 10 hospital departments. Configured VLANs, inter-VLAN routing, DHCP, NAT, and ACLs to secure internal traffic.

Tools: Cisco Packet Tracer, ISR 4321, Catalyst 9300

Dual ISP WAN Redundancy - Kisumu County ICT Hub

Implemented WAN failover using static routing and floating static routes with dual ISPs. Ensured uninterrupted access to cloud-based county services and deployed NAT with ACLs.

Tools: GNS3, Cisco Routers

Palo Alto, ASA Firewall & IPS Setup - Fictional Safaricom Company

Configured Cisco ASA firewall with DMZ, NAT and ACLs. Deployed intrusion prevention policies and simulated attacks for real-time detection and alert generation.

Tools: Cisco ASA 5505, GNS3

Vulnerability Assessment – DigiKenya eCommerce Platform

Conducted comprehensive internal/external scans, identified risks and recommended mitigation strategies. Delivered a professional report using CVSS scoring.

Tools: Kali Linux, Nmap, Nessus

Device Hardening – Lakeview Level 5 Hospital

Secured routers and switches using password encryption, SSH access, port security, SNMPv3, and AAA. Disabled unnecessary services and documented best practices.

Tools: Cisco CLI, Packet Tracer

Campus Network with L3 Switching – University of Wollongong in Dubai

Developed a three-tier network with Layer 3 switching and EIGRP. Integrated VLANs for each faculty, implemented HSRP for gateway redundancy, and optimized STP.

Tools: Cisco Catalyst Switches, GNS3

EDUCATION

Bachelor of Science in Information Technology

Moi University, Eldoret, Kenya

Completed 2026

Relevant Coursework: Computer Networks, Cybersecurity, Network Security, Data Communications, System Administration

CERTIFICATIONS

Bachelor of Science in Information Technology (Moi University)

Cisco Certified Network Associate (CCNA)

CompTIA Security+ - In progress

IT Essentials – Cisco Networking Academy

PORTFOLIO AND CODE REPOSITORIES

Portfolio: <https://enock-odongo.github.io/tech-solution/>

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Includes full documentation and screenshots of completed projects in Network Engineering and Cybersecurity.

LANGUAGES

English – Fluent

Kiswahili – Fluent
