

LENN OKURO SAMWEL



Network Engineer

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Nationality: Kenya (Permit: B)

Date of Birth: 04.04.2001

[Github.com/lenn84](https://github.com/lenn84)

l3nn.org

TECHNICAL COMPETENCIES

Infrastructure & Cloud:

Proxmox VE, Docker, LXC, VMware, Citrix, MinIO (S3), PostgreSQL, Redis.

Networking & Edge:

Cisco CCNA, VLAN Segmentation, Wireguard, Reverse Proxy, DNS.

Security & IAM:

Azure AD, Microsoft Intune, (OIDC/SSO), UFW, FortiClient VPN, Zero-Trust Architecture.

DevSecOps & Code:

Python, Bash Scripting, React, Flask, GitOps (Gitea/GitHub), CI/CD Pipelines, Auditing.

PROFESSIONAL EXPERIENCE

Network Architect

Redcup, (Zurich) 10/2025 – Present

- Architected a bare-metal, 5-Ring Zero Trust Infrastructure as a Service (IaaS) environment
- Engineered a high-interaction honeypot utilizing behavioral biometrics to test UI design against human cognitive load and bot heuristics.
- Implemented network segmentation using Proxmox LXC, Docker networks, and encrypted mesh, entirely gated by SSO's.
- Built an event-driven asynchronous compute engine to memory process via (C++) Redis message bus.

Operations Analyst

Liliy's Factory (Zürich) 03/2025 -12/2025

- Coordinated busy kitchen operations across prep, packaging, and delivery dispatch.
- Mapped restaurant operations for scalable, event-driven digital workflows.

Service Desk Engineer

International Air Transport Association (Geneva) 04/2024 - 03/2025

- Deployed and tested secure VPN rollouts (FortiClient) and managed enterprise user lifecycles.
- Executed VLAN security enhancements, supporting the identification and mitigation of critical network vulnerabilities.
- Managed endpoint devices and MDM policies utilizing Microsoft Intune, Azure Active Directory, and Lansweeper.
- Led ticket resolution and major L1/L2 incident troubleshooting workflows via JIRA.

Network Engineer Consultant

High Tech Services Sàrl (Geneva) 11/2023 - 02/2024

- Facilitated in testing enterprise solutions including VMware virtualized environments and backup architecture.

Network Management Assistant

High Tech Services Sàrl (Geneva) 09/2022 – 12/2022

- Provided on-site device management, configuring enterprise systems and network topologies to exact client specifications.

EDUCATION

Master's in information technology (MSc IT / MIT)

Geneva Information Technology Institute (GITI), Geneva Present

Bachelor's in Information Technology

Geneva Information Technology Institute (GITI), Geneva 2024

CERTIFICATIONS

- **Cisco CCNA v7**
- Cisco IT Essentials Certified (COMPTIA A+ Equivalent)
- Python Programming (Cisco Python Institute)
- Cybersecurity Fundamentals
- Network Security
- Ref: [Credly](#)