

Emmanuel Tekle

Cloud & Cybersecurity student · Systems Administrator at Livio

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PROFILE

Cloud & Cybersecurity student at Saxion (Enschede), entering Year 3 in Sep 2026, working as Systems Administrator at Livio — a Dutch healthcare organisation — after promotion from 1st-line Service Desk. Day-to-day focus on hybrid identity (Microsoft Entra ID + on-prem Active Directory) and Windows/Linux administration in a regulated environment (NEN 7510, GDPR). Building toward a DevSecOps / platform-security career, with hands-on Terraform, Ansible, Wazuh, and Prometheus/Grafana in a 3-node Proxmox homelab. Writes at emmanueltekle.nl.

EXPERIENCE

Systems Administrator Livio · Enschede, NL May 2026 – Present

- Handle and resolve 2nd-line tickets in TOPdesk across Microsoft Entra ID, on-prem Active Directory, and the endpoint estate in a regulated healthcare environment (NEN 7510, GDPR).
- Support Entra Connect hybrid identity operations (directory sync, attribute mapping, on-prem AD ↔ Entra ID consistency) and Group Policy administration.

1st-line Service Desk Engineer Livio · Enschede, NL Apr 2025 – May 2026

- First-line IT support for Windows endpoints; ticket intake and triage in TOPdesk.
- Resolved access, authentication, and connectivity issues; escalated complex cases to the systems team. Promoted to Systems Administrator.

IT Technician Studentaanhuis · Enschede area, NL Nov 2024 – Apr 2025

- On-site residential IT support: home networking, internet connectivity, and end-user device troubleshooting for consumer customers.

EDUCATION

Bachelor of ICT — Cloud & Cybersecurity Saxion University of Applied Sciences (HBO) · Enschede, NL Sep 2024 – Jul 2028 (expected)

PROJECTS

Homelab — 3-node Proxmox VE cluster. Self-managed lab for security and learning: Terraform (AWS + Proxmox), Ansible, Wazuh SIEM, Prometheus + Grafana, GitHub Actions / GitLab CI pipelines, and Kubernetes basics on container workloads.

Linux Security Hardening — two Bash scripts that harden a fresh Ubuntu/Debian server (SSH, UFW, auditd, Fail2ban, unattended-upgrades) and audit the result with CI-friendly exit codes. github.com/E-mma9/Linux-Security-Hardening

Monitoring Homelab — production-style Prometheus + Grafana + Alertmanager stack on a 3-node Proxmox VE cluster with seven custom alert rules, blackbox checks, and PagerDuty paging tested end-to-end. github.com/E-mma9/Monitoring-Homelab

SKILLS

Cloud & Identity: Microsoft Entra ID, Conditional Access, Entra Connect (hybrid), Active Directory, Group Policy Objects, Azure (load balancing, identity), AWS (Terraform-managed)

DevOps & IaC: Terraform (AWS, Proxmox providers), Ansible (playbooks), Docker, Kubernetes (basics), Git, GitHub Actions, GitLab CI

Infrastructure & Operations: Linux, Windows Server, Proxmox VE, virtualisation, networking fundamentals, Tailscale, load balancers

Security & Observability: Wazuh (SIEM), Prometheus, Grafana, blackbox/whitebox & uptime monitoring, hardening basics, NEN 7510 / GDPR awareness

Scripting & Tooling: Bash, PowerShell, WSL2, YAML/HCL

LANGUAGES

Dutch — Native · English — Professional working proficiency · German — Elementary