NAOL MENGISTU

Information Security Professional

@ naolmengistu.d@gmail.com 📞 +46 76 082 9976 📍 Stockholm, Sweden 🌐 Portfolio
🌐 Technical-Blog in NaolMengistu ⌂ NaolMengistu

PROFILE

Cybersecurity professional with a B.Sc. in Computer Science and an M.Sc. in Information Security. Expert at bridging the gap between software development and security. Passionate about building secure solutions through threat modeling, DevSecOps automation, and vulnerability assessment. Experienced in Linux hardening and security tooling.

EXPERIENCE

System Administrator

Handlingar

📅 Nov 2025 - Present 📍 Stockholm, Sweden

- Administer and harden Debian Linux servers for a Freedom of Information platform.
- Manage SSH access, security patching, and resolve Nginx/Passenger outages.
- Streamline workflows using Docker and Git for reproducible, secure environments.
- Troubleshooting production issues across Linux, networking, and application layers.

Tech Support (*Volunteer*)

TEDxStockholm

📅 March 2025 - Present 📍 Stockholm, Sweden

- Diagnosed hardware/software issues and managed IT assets using Active Directory.
- Supported production teams with technical setup, network troubleshooting, and AV coordination.
- Collaborated with vendors to ensure secure, high-availability streaming and production reliability.

KEY SKILLS

OWASP Top 10 Threat Modeling SAST/DAST
Vulnerability Scanning

AWS Security Docker Kubernetes CI/CD
Git Linux Hardening

Splunk Wireshark Nmap/Nessus Active Directory
Nginx

DORA GDPR ISO 27001 NIST GRC

Python PowerShell Bash JavaScript

English (Fluent) Swedish (Basic) B Driver's License

FEATURED PROJECTS

Source codes are found by clicking the project names.

Cloud Security Scanner

Python-based Cloud Security Scanner

📅 2024 - 2025

Python AWS Boto3 Streamlit Security Automation
Compliance

Built a Python-based AWS security scanner for my master's thesis, detecting S3, EC2, and IAM misconfigurations using Boto3. Mapped issues to DORA compliance and visualized results in a Streamlit dashboard.

SOC Analyst Home Lab

Security Operations Center Simulation

📅 2024 - 2025

Splunk Security Alert Windows Linux Security rule

Created a SOC home lab with Splunk Enterprise and VirtualBox VMs (Windows Server 2022, Windows 10, Kali Linux) to simulate cybersecurity scenarios, enabling threat detection and incident response practice.

Sysadmin Home Lab

Enterprise System Administration Simulation

📅 2024 - 2025

Active Directory VirtualBox Windows Server
Networking PowerShell

Set up an Active Directory home lab using VirtualBox and Windows Server 2022 to manage users, group policies, and network traffic with VLANs. Automated tasks with PowerShell for system administration.

EDUCATION

Master's in Information Security

Stockholm University

📅 2023 - 2025 📍 Stockholm, Sweden

Bachelor's in Computer Science

Vistula University

📅 2018 - 2022 📍 Warsaw, Poland