

OLANA KENEA LEMESA

Cloud Security Engineer | GRC | Infrastructure-as-Code

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PROFESSIONAL SUMMARY

Cloud security and GRC engineer with a foundation in enterprise IT infrastructure across critical sectors — national power and core banking. Spent 4+ years administering enterprise systems, including IBM Power Systems and storage at the Commercial Bank of Ethiopia, one of Africa's largest banks, gaining real exposure to operational resilience under regulatory and scale pressure. Currently an Erasmus Mundus CyberMACS scholar in Applied Cybersecurity (Türkiye → Germany), specializing in cloud-native security, Infrastructure-as-Code, and the EU regulatory landscape (DORA, NIS2, EU AI Act). Builds security as code and translates dense regulation into deployable, tested infrastructure.

CORE SKILLS

Cloud Security: AWS Security (IAM, KMS, VPC, GuardDuty, Security Hub, CloudTrail, Config), GCP, Zero Trust, API & Container Security

GRC & Compliance: DORA, NIS2, EU AI Act, ISO 27001, NIST RMF, GDPR, CIS Benchmarks, Risk Assessment, Audit & Assurance

IaC & DevSecOps: Terraform, Docker, Kubernetes, CI/CD Security, Ansible, Policy-as-Code (OPA/Rego), Linux (RHEL, Ubuntu)

Security Operations: SIEM (Wazuh, Splunk, Elastic), Detection Engineering (Sigma), MITRE ATT&CK, Log Analysis, Incident Response, Threat Modeling

Programming: Python, Bash, HCL (Terraform), YAML, SQL

EXPERIENCE

Information Systems Officer
Commercial Bank of Ethiopia (CBE)

12/2023 – 10/2025
Addis Ababa, Ethiopia

- Administered IBM Power Systems and enterprise storage across primary and standby datacenters supporting core banking operations.
- Implemented Linux access control and hardening policies across enterprise IBM Power infrastructure, improving compliance with internal security standards.
- Automated AIX server provisioning and PowerHA cluster management with Ansible, Reducing manual configuration effort from 2 hours to 30 minutes.
- Supported Oracle, PostgreSQL, and Exadata databases, maintaining high availability for mission-critical systems.
- Performed system monitoring and log review for early detection and structured incident reporting.
- Contributed to business continuity and disaster recovery planning; produced technical documentation for audits and operational reviews.
- Began as an IS Graduate Trainee before advancing to Server Management.

Junior System Administrator
Ethiopian Electric Utility (EEU)

10/2023 – 01/2024
Addis Ababa, Ethiopia

- Administered computer storage and backup systems within ICT Operation Support.
- Performed system monitoring, troubleshooting, performance tuning, patching, and hardening across Linux and Windows servers.

Junior ICT Officer
Ethiopian Electric Utility (EEU)

07/2019 – 10/2023
Bonga, Ethiopia

- Provided IT and systems support within a large public utility organization serving diverse regional stakeholders.
- Managed IT infrastructure and networking equipment for the District Automation Office.
- Implemented IT security protocols against malware and unauthorized access; managed user accounts, permissions, and network security compliance.

PROJECTS

aws-nis2-baseline — NIS2-Aligned AWS Landing Zone (Terraform)

- Developed a reusable Terraform modules implementing NIS2 Article 21 controls across AWS. Integrated tfsec, Checkov and TFLint into GitHub Actions to automate security validation before deployment.

DORA Incident Classification (Policy-as-Code)

- Research toward automated, auditable classification of DORA major ICT-related incidents (RTS 2024/1772) using a Rego policy engine with formal verification.

Secure FinTech Reference Architecture (AWS)

- DORA-aligned cloud banking reference architecture in Terraform spanning compute, data, networking, identity, and detection layers.

EDUCATION

Erasmus Mundus Joint Master's in Applied Cybersecurity (CyberMACS) <i>Kadir Has University</i> Second year at SRH Berlin University, Germany—from Oct 2026	09/2025 – Ongoing Istanbul, Turkiye
MSc in Computer Networking <i>Jimma University</i>	10/2019 – 01/2023 Jimma, Ethiopia
BSc in Information Science <i>University of Gondar</i>	09/2015 – 07/2018 Gondar, Ethiopia

CERTIFICATES

Kubernetes & Cloud Native Associate (KCNA)	Certified Network Security Practitioner (CNSP)
Google Cloud Associate Cloud Engineer	APIsec Certified Practitioner
ISC2 Certified in Cybersecurity (CC)	Nutanix Certified Associate (NCA)

LANGUAGES

English Professional (IELTS)	Amharic Native
German Learning (Planned B)	