

Alexandre DEMBELE

Systems & Network Engineer | Cloud
& DevOps | Cybersecurity



alex-dembele



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Présentation

Systems, Cloud & DevOps Engineer with over years of experience building, automating, and securing cloud-native infrastructures. Skilled in AWS, Kubernetes, CI/CD, cloud security, and infrastructure automation. At NEXAH, I manage the entire cloud infrastructure, implement DevOps pipelines, strengthen cybersecurity, and ensure high availability of production systems. I combine SysAdmin, DevOps, and SecOps expertise to deliver resilient, scalable, and secure platforms.

Work experience

System Administrator

Since April 2023 **NEXAH SARL** Douala, Cameroon

- Manage and secure the full AWS infrastructure (EC2, VPC, RDS, IAM, S3).
- Led the migration to Kubernetes (EKS) using Terraform, Helm, and ArgoCD.
- Built and maintained CI/CD pipelines with GitHub Actions → Kubernetes deployments.
- Improved infrastructure security via IAM hardening, VPN, network segmentation, and monitoring.
- Implemented observability with Prometheus + Grafana for production workloads.
- Reduced cloud costs by 15% through container optimization and FinOps practices.
- Participated in cyber incident response, threat detection, and internal SOC activities.

IT Intern

From November 2021 to January 2022 **COMETAL SA** Douala, Cameroon

- Administered and maintained Windows Server systems.
- Managed backups and monitored system performance.

Network Administrator Intern

From November 2020 to October 2021

SAUNYA Cosmetics Sarl Douala, Cameroon

- Deployed a private OpenStack cloud.
- Installed and configured a pfSense captive portal.
- Set up a datacenter with rack servers and a Proxmox cluster.

Languages

French
Native

English
Intermediate

Computer skills

Cloud & Infrastructure

AWS, Kubernetes, Docker, OpenStack, Azure, Google Cloud

Cybersecurity

IAM Hardening, firewalls, secure architecture, Threat Intelligence & Vulnerability Management

DevOps & Automation

Terraform, Helm, ArgoCD, CI/CD (GitHub Actions), Bash Scripting

Security & Networking

IPSec VPN, IAM, Threat Intelligence, LAN/WAN Administration, Cisco, pfSense

Monitoring & Optimization

Prometheus, Cloud Cost Management

Assets

Problem-solving

Crisis management

Technical communication

Technology watch

Interests

Technology

Video Games

Cinema

Education

- **Bachelor's Degree in Network administration and security**
From 2021 to 2022 **Institut Universitaire de la Côte (IUC)** Douala, Cameroon
- **BTS in Network and Security**
From 2019 to 2021 **ISTAMA** Douala, Cameroon

Certifications & Badges

Cloud

- Google Cloud Certified Associate Cloud Engineer
- Build Infrastructure with Terraform
- Build a Secure Google Cloud Network
- Implement Cloud Security Fundamentals
- Set Up an App Dev Environment

Cybersecurity

- Ethical Hacker
- ISO/IEC 27001 Information Security Associate
- Cybersecurity Fundamentals
- Cyber Threat Management
- Fortinet Certified Associate
- Endpoint Security
- CrowdSec Driven Cybersecurity

DevOps & Automation

- Introduction to Kubernetes LFS158
- Certified Associate in Scrum Fundamentals