ALEXANDRE DEMBELE

Systems & Network Engineer | Cloud & DevOps | Cybersecurity

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PROFESSIONAL SUMMARY

System & Network Administrator with over 4 years of experience in optimizing and securing cloud infrastructures. Specialized in automation and orchestration (AWS, Kubernetes, Docker), with strong expertise in DevOps and cybersecurity. Focused on performance and resilience, I design innovative solutions to ensure high availability and system efficiency. Open to international mobility and seeking opportunities in Canada.

PROFESSIONAL EXPERIENCE

System Administrator

NEXAH SARL - Douala, Cameroon | April 2023 - Present

- Migrated an AWS architecture to Kubernetes (EKS, Terraform, Helm, ArgoCD).
- Managed AWS cloud infrastructure (EC2, S3, IAM, VPC, RDS).
- Orchestrated applications with Kubernetes & Helm, monitored with Prometheus.
- Automated CI/CD deployments with GitHub Actions (reduced deployment times by 40%).
- Optimized cloud costs (-15% through Docker & Kubernetes containerization).
- Strengthened security with IAM, IPSec VPN, and advanced monitoring.

IT Intern

COMETAL SA - Douala, Cameroon | November 2021 - January 2022

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

Network Administrator Intern

SAUNYA Cosmetics Sarl - Douala, Cameroon | November 2020 - October 2021

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

KEY SKILLS

Cloud & Infrastructure

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

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

Soft Skills

- Problem-solving, crisis management, technical communication, technology watch

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CERTIFICATIONS

Cloud

- **Google Cloud Certified Associate Cloud Engineer** (May 2025 - Google Cloud, expires May 2028)
- **Build Infrastructure with Terraform** (May 2025 - Google Cloud Skills Boost)
- **Build a Secure Google Cloud Network** (May 2025 - Google Cloud Skills Boost)
- **Implement Cloud Security Fundamentals** (May 2025 - Google Cloud Skills Boost)
- **Set Up an App Dev Environment** (May 2025 - Google Cloud Skills Boost)

Security

- **Ethical Hacker** (March 2025 - Cisco Networking Academy)
- **ISO/IEC 27001 Information Security Associate** (February 2025 - SkillFront)
- **Cybersecurity Fundamentals** (February 2025 - IBM SkillsBuild)
- **Cyber Threat Management** (February 2025 - Cisco Networking Academy)
- **Fortinet Certified Associate** (February 2025 - Fortinet, valid until February 2027)
- **Endpoint Security** (February 2025 - Cisco Networking Academy)
- **Introduction to Cybersecurity** (February 2025 - Cisco Networking Academy)
- **CrowdSec Driven Cybersecurity Certificate** (January 2025 - CrowdSec)

DevOps & Automation

- **Introduction to Kubernetes LFS158** (February 2025 - The Linux Foundation)
- **Certified Associate in Scrum Fundamentals (CASF)** (March 2025 - SkillFront)

Networking

- **Network Addressing and Basic Troubleshooting** (February 2025 - Cisco Networking Academy)
- **Network Defense** (February 2025 - Cisco Networking Academy)
- **Network Support and Security** (February 2025 - Cisco Networking Academy)
- **Network Technician Career Path** (February 2025 - Cisco Networking Academy)

Other

- **The Complete MySQL Bootcamp** (April 2025 - Udemy)

EDUCATION

- **Bachelor's Degree in Networks and Telecommunications**
  Institut Universitaire de la Côte (IUC), Douala, Cameroon | 2021 - 2022

- **BTS in Network and Security**
  ISTAMA, Douala, Cameroon | 2019 - 2021

PERSONAL PROJECTS

- **Kubernetes Homelab**
  Deployed a multi-cloud cluster (AWS EKS + Azure AKS + GCP GKE) using Terraform & Helm.
  GitHub

- **CI/CD with GitHub Actions**
  Automated deployment pipeline on Kubernetes with ArgoCD and DockerHub.
  GitHub

LANGUAGES

- **French**: Native
- **English**: Intermediate

INTERESTS

- Technology, Video Games, Cinema