

TISIGHE LIVINSTONE KHAN

Multi-Cloud DevOps & Platform Engineer

📍 Cameroon | Open to Relocation | EU Blue Card Eligible

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PROFILE

Multi-Cloud DevOps Engineer and Platform Engineer with 6+ years of experience designing, automating, and securing cloud infrastructure across AWS, Azure, and GCP. Experienced in Platform Engineering, DevSecOps, Kubernetes, Terraform, GitOps, and CI/CD automation, with a proven track record of reducing cloud costs, strengthening security, accelerating deployments, and improving observability in production environments. Currently expanding expertise in MLOps and AI infrastructure.

TECHNICAL SKILLS

- **Cloud:** AWS (EC2, S3, RDS, IAM, VPC, EKS, Lambda, Route 53, AWS Client VPN), Azure (AKS, ACR, VNet, ExpressRoute), GCP (GKE)
- **Containers:** Kubernetes (EKS, AKS, GKE), Docker, Helm, KServe
- **IaC & Automation:** Terraform, Ansible, Bash, PowerShell, Python
- **CI/CD:** Git, GitHub Actions, Jenkins, Argo CD, GitOps, Nexus Repository
- **Monitoring:** Datadog, Prometheus, Grafana, CloudWatch, ELK Stack
- **Databases:** PostgreSQL, MySQL, MongoDB, Amazon RDS
- **MLOps:** AWS SageMaker, KServe, ML Model Deployment, Flask, Gunicorn
- **Security:** AWS IAM, RBAC, AWS Config, GuardDuty, Access Analyzer, Wiz, SOC 2, ISO 27001

EXPERIENCE

DevOps Engineer

Render — San Francisco, CA · Remote | Mar 2025 – Present

- Redesigned Kubernetes RBAC, replacing cluster-wide admin roles with scoped least-privilege access, eliminating a critical attack surface.
- Refactored PostgreSQL from user-based to role-based access control, reducing security vulnerabilities by **60%** and improving audit compliance.
- Optimised Datadog costs via log rehydration, retention tuning, and a Savings Plan strategy — achieving **15% monthly cost reduction** and **\$800+ recurring savings**.
- Deployed NLB DNS with Route 53 private hosted zones and AWS Client VPN, eliminating external exposure for internal services.
- Championed a novel AWS tagging strategy aligned to the Well-Architected Framework, enabling precise cost allocation across 30+ services.

Cloud/DevOps Engineer **Globant — San Francisco, CA · Remote | Feb 2023 – Sep 2025**

- Architected and modernised enterprise AWS infrastructure for high-availability production systems serving millions of users.
- Built infrastructure-as-code (IaC) frameworks using Terraform and CloudFormation, standardising deployments across dozens of environments and cutting provisioning time by **60%**.
- Automated remediation of **50+ AWS misconfigurations** (IAM, S3, EC2, EKS) via Terraform and Python, reducing manual audit effort significantly.
- Deployed centralised observability using ELK Stack, Prometheus, and Grafana, reducing MTTR through proactive alerting.

MLOps Intern **TemTech Solutions — Houston, TX · Remote | Jul 2022 – Apr 2023**

- Designed end-to-end MLOps workflows covering model training, versioning, containerisation, deployment, and lifecycle management.
- Deployed ML models on Kubernetes using KServe, implementing auto-scaling inference with standardised APIs and S3-backed model storage.
- Implemented AWS SageMaker end-to-end: training pipelines, managed endpoints, and IAM role separation for Data Scientists, ML Engineers, and MLOps Engineers.
- Built high-availability inference architectures using AWS Auto Scaling Groups and Application Load Balancers.
- Containerised ML workloads with Docker, ensuring reproducible builds and immutable model artefacts across environments.

DevOps Engineer **NxtgenHub — Remote, USA | Jun 2021 – Mar 2024 & May 2024 – Mar 2025**

- Led CI/CD migration from Jenkins to GitHub Actions, integrating Helm and Argo CD to improve deployment reliability and speed.
- Provisioned multi-cloud infrastructure (AWS & Azure) with Terraform and Ansible, enabling seamless hybrid deployments.
- Deployed production-grade observability stack (Prometheus, Grafana, Fluentd, Elasticsearch, Kibana) via Helm on Kubernetes.
- Built infrastructure security automation into pipelines — vulnerability scanning, container image checks, and compliance validation before every production release.
- Containerised Go and Node.js microservices for deployment in AWS EKS and Azure AKS.

Site Reliability Engineer **Deloitte | Mar 2019 – May 2021**

- Designed and operated multi-cloud infrastructure on AWS and GCP including compute, storage, networking, backups, and auto-scaling for enterprise workloads.

- Managed large Kubernetes clusters (EKS and GKE), maintaining **99.9% uptime** across production environments.
- Built and maintained Jenkins CI/CD pipelines with automated security scanning, testing, and compliance gates.

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate (SAA-03)
- Certified Kubernetes & Cloud Native Associate (KCNA)
- AWS Certified Machine Learning Engineer – Associate (*In Progress*)
- Linux Professional Institute Certification (LPIC-1)

EDUCATION

B.Eng. Software Engineering — University of Buea, Cameroon

LANGUAGES

English (Native), French (B2), German (A1)