

LOAY ALI

Senior DevOps / Platform Engineer

Munich, Germany (EU full work authorization; open to remote, hybrid, and onsite) | +49 152 1398 7990 |
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PROFESSIONAL SUMMARY

Senior DevOps engineer with over 11 years designing, building, and operating efficient, reliable, and scalable cloud infrastructure, most of it fully remote and self directed. Multi cloud across Azure and AWS, with deep infrastructure as code in Terraform and configuration management in Ansible. Comfortable from managed cloud down to bare metal and servers built from scratch, hardening Linux, and standing up GitHub based CI/CD pipelines. Automates with Bash and Python (and Go for tooling), collaborates closely with development teams, and keeps systems highly available, secure, and cost efficient. Pragmatic and hands on: gets things done, avoids unnecessary meetings, and still structures and documents the work so others can run it. English fluent, German A1.

TECHNICAL SKILLS

Cloud (Azure and AWS): Azure (AKS, Azure Pipelines, VNet, Azure AD); AWS (EC2, EKS, ECS Fargate, VPC, IAM/IRSA, ALB/NLB, RDS, S3, Route53, CloudFront, CloudWatch, Auto Scaling); OCI (OKE, VCN, Vault, KMS); multi cloud and hybrid design

Infrastructure as Code: Terraform (reusable modules, remote and managed state, multiple environments), high availability and performance optimization, safe rollback, policy gates

Configuration Management: Ansible (idempotent roles and playbooks, provisioning and hardening), Chef; repeatable, secure, stable systems

Automation and Scripting: Bash, Python (primary); Go (familiar, for tooling and automation); N8N AI agent operational workflows

Bare Metal and Linux: RHEL, CentOS, Rocky, Ubuntu, FreeBSD; 150+ production servers at 99.9% uptime; dedicated and VPS fleets, servers built and hardened from scratch, performance tuning

CI/CD: GitHub Actions (build, test, scan, deploy), GitLab CI, Jenkins, Azure Pipelines; multi environment promotion (Dev, Staging, Production), blue/green and rolling deploys, automated rollback

Containers and Kubernetes: Docker (multistage, hardened, BuildKit), AKS, EKS, OKE, vanilla K8s; cluster lifecycle, RBAC, ingress (NGINX), HPA and autoscaling, Helm

Architecture: microservices and distributed systems (NestJS, NextJS, Node.js), GitOps with ArgoCD (drift detection, automated rollback), self service developer platforms

Observability: Prometheus, Grafana, ELK, Nagios, PRTG; monitoring, alerting, dashboards, SLOs, delivery metrics

Security: DLP certified, TLS/PKI, HashiCorp Vault, least privilege IAM, hardened images, DDoS mitigation, audit readiness in regulated environments

Databases and Networking: PostgreSQL (replication, PITR), MySQL HA, MongoDB, Redis, RabbitMQ; DNS (BIND, Route53, Cloudflare, Anycast), TLS, load balancing, VPC design, OpenVPN, WireGuard, iptables

PROFESSIONAL EXPERIENCE

RECONHECE, Brazil (Remote) | Freelance Platform / DevOps Engineer | 12/2025 to Present

Sole DevOps engineer building and launching a complete cloud native platform from scratch for a SaaS startup (NestJS, NextJS microservices), fully remote, through production go live and team handoff.

Designed scalable, secure infrastructure with reusable **Terraform** modules and managed state across Dev, Staging, and Production: networking, NAT, firewalls, bastion, managed PostgreSQL, Redis, and Vault (KMS, AES encryption), least privilege and hardened

Built CI/CD with multistage pipelines: build, test, blue/green and rolling deploys, health checks, and automated rollback for zero downtime releases; GitOps continuous delivery with ArgoCD and drift detection

Operated production Kubernetes with autoscaling, RBAC, and resource quotas; Docker based services with hardened images

Defined monitoring, alerting, and observability (Prometheus, Grafana, ELK); authored DR procedures, runbooks, and self service tooling so the in house team could operate independently

Drove cost optimization identifying **25%+ savings** through a FinOps review

DYNAMIC IT CONSULTANT, Dubai, UAE | Senior DevOps / Platform Engineer, Infrastructure Lead | 02/2022 to 11/2025

Owned architecture, reliability, and automation of cloud and on site infrastructure for multiple platforms: a SaaS serving 100K+ daily users, a regulated .TM ccTLD registry, and global Anycast DNS (60+ POPs), under ITIL aligned operations.

Architected and operated production **AWS** via Terraform (EKS, ECS Fargate, VPC, NLB, CloudFront, Route53 with DKIM/SPF/DMARC, Cert Manager TLS, SSM secrets); defined infrastructure standards

Built Ansible automation for provisioning, configuration, and hardening across mixed Linux estates

Owned uptime, SLAs, and incident management: monitoring and alerting (Prometheus, Grafana), on call rotation, RCA and post incident reviews; achieved and maintained **99.9% SLA**

Consolidated and standardized CI/CD across teams with multi environment promotion, policy gates, and automated rollback

Drove cost optimization: **20%+ infrastructure cost reduction** via quarterly FinOps reviews; led a full OS migration with zero service disruption; mentored engineers and wrote runbooks

TECH STUDIO TECHNOLOGY, Dubai, UAE | Senior System / Platform Administrator | 07/2020 to 02/2022

Enterprise Linux systems and platform operations for a UAE managed services provider.

Administered **150+ RHEL, CentOS, and Ubuntu servers** at 99.9% uptime across multiple client environments

Deployed and operated 25+ production web apps (Node.js, Laravel, Django) on Nginx with PostgreSQL, MySQL, and MongoDB

Built **Ansible and Chef** automation (saving 40h per month on provisioning); introduced Docker multistage builds for repeatable deploys

Resolved 200+ incidents per month with documented RCA and 85%+ satisfaction; SLA tracking, escalation, runbooks

I2VPN, Berlin, Germany | System Administrator (Remote) | 06/2016 to 12/2020

Sole infrastructure engineer for a privacy focused VPN platform serving 1M+ global users, fully remote, on bare metal and VPS servers built from scratch.

Operated an HA Linux platform (OpenVPN, WireGuard, SOCKS5, V2Ray, Squid) at 99.9% uptime with full data ownership

Engineered a **12 node HA MySQL cluster**; designed leak free DNS infrastructure

Custom DDoS mitigation (iptables) reduced attack impact by **90%**; automated deploys via Docker, Ansible, and Bash

Nagios monitoring with 24/7 on call; built and published the iOS and Android apps live on the App Store and Google Play

TATWEER CO, Damascus, Syria | System Administrator | 11/2013 to 01/2016

Enterprise infrastructure for a major ISP serving roughly 35% of private internet customers in Syria.

Administered VMware vSphere and vCenter, dedicated servers, and VPS fleets; Veeam daily backups (under 1h RTO)

Built monitoring for 30+ proxy and infrastructure nodes; **zero security breaches** across tenure

Led a **zero downtime live data center migration** (four day cutover); 24/7 on call

EDUCATION

B.Sc. Communication and IT Engineering, Tishreen University, 2008 to 2013

CERTIFICATIONS AND LANGUAGES

DLP, INFOWATCH (2019), Cert ID: EISSTM6 012938 2019

English (Fluent) | Arabic (Native) | German (A1, actively learning)