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# RAKIB KHAN

Cloud & DevOps Engineer | Site Reliability Engineer

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## POSITIONING SUMMARY

DevOps/SRE engineer focused on scaling systems, reducing failure, and cutting cloud cost.

- 7+ years Linux, 5+ years cloud (AWS-heavy)
- Designed systems handling 50,000+ emails/day across 21+ nodes
- Built high-availability infra with ~5s failover
- Migrated 20+ apps to AWS and managed 500+ domains
- Strong in Kubernetes, Terraform, CI/CD, and observability

You hire me when:

- Your infra is fragile
- Your AWS bill is too high
- Your deployments are slow/risky
- You need production-grade reliability

## CORE STACK

- AWS · Kubernetes (EKS) · Docker
- Terraform · Ansible
- CI/CD (GitHub Actions, GitLab CI, Jenkins)
- Prometheus · Grafana · ELK · Graylog
- Linux (Ubuntu/CentOS) · Bash · Python

## EXPERIENCE

### **PetPortraitAI, US | Remote** – *DevOps Engineer*

MARCH 2024 – PRESENT

- Built autoscaling system for AI workloads across external GPU vendors
- Deployed high-availability Ray clusters for distributed computing
- Implemented full observability (Prometheus + Grafana + ELK + Graylog)
- Managed Cloudflare Zero Trust for secure org-wide access

**Impact:**

- Increased workload scalability without fixed GPU cost
- Improved system visibility → faster incident response

**Mojo Creator Marketing Agency, US | Remote – DevOps Engineer**

AUGUST 2022 – PRESENT

- Re-architected legacy email infrastructure into a scalable, automated system
- Migrated CentOS 7 → Ubuntu 22.04 (removed EOL risk)
- Implemented SASL + TLS hardening across the SMTP stack
- Built centralized logging (Graylog + ELK) and monitoring (Prometheus)

**Impact:**

- System scaled to 50,000+ emails/day
- Achieved ~5s failover with HAProxy
- Reduced recovery time to ~2 hours/node (fully automated)

**Upwork Freelance (Top Rated Plus) | Remote – DevOps Engineer**

MONTH 2019 – PRESENT

- Migrated 20+ applications from VPS → AWS (better reliability + scaling)
- Managed infra across 500+ domains (DNS, email, uptime)
- Built CI/CD pipelines → reduced deployment time by ~60-80%
- Deployed production Kubernetes clusters (EKS + self-managed)
- Implemented monitoring → reduced downtime + faster debugging

**Selected Wins:**

- Fixed critical DNS + infra issues → restored production systems fast
- Deployed trading bot infra → delivered under budget
- Built eCommerce + ELK stack → production-ready observability

**YafiTech, BD | Full Time | On-site – DevOps Engineer**

JAN 2020 – DEC 2023

- Managed Docker-based production environments
- Deployed Laravel apps on AWS (Elastic Beanstalk + RDS)
- Maintained scalable client infrastructure

**KEY PROJECT****Distributed Email Infrastructure**

- 21+ nodes, horizontally scalable
- 50,000+ emails/day
- ~5s failover (HAProxy)

- Stateless infra → full rebuild in ~2 hours
- Canary deployment (25% → 100%)
- Centralized logging + monitoring