

Muhammad Naimatullah Khan

DevOps Engineer • CKA Certified • Karachi, Pakistan

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SUMMARY

- I run Kubernetes in production for a fintech company. I noticed a transaction tracing problem the team had accepted as normal, automated it end to end, and no one has had to do it manually since.
- KubeForge deployed across two countries. DR system with Velero and MinIO validated by a full namespace backup and restore. Internal tooling cut PKR 3M in annual licensing costs.
- I have built templates that 100+ engineers now use daily, ELK dashboards that became the team standard, and run workshops across institutions. Good work spreads on its own.
- Gold Medal from FAST, Raising the Bar Award from Paysys Labs, and CKA certified. I did not chase any of them, they followed from the work.

SKILLS

Containers & Orchestration	Kubernetes, EKS Anywhere, Helm, Docker
CI/CD & Automation	GitLab CI, Jenkins, GitHub Actions, ArgoCD
Monitoring & Logging	Prometheus, Grafana, ELK Stack, Kibana, Filebeat, Logstash
Cloud	Google Cloud Platform (GCP), Amazon Web Services (AWS)
Security & DevSecOps	Trivy, SonarQube, Penetration Testing, API Security
Infrastructure as Code	Terraform, Ansible, Helm Charts
Disaster Recovery	Velero, MinIO, OpenEBS
Languages & Scripting	Bash, Python, YAML, SQL, JavaScript

EXPERIENCE

DevOps Engineer – Paysys Labs, Karachi (*On-site*) *Aug 2025 – Present*
Raising the Bar Award 2025 – recognized for delivering high-impact engineering work beyond assigned responsibilities.

- Deployments across 9+ Java microservices were manual, inconsistent, and broke often built reusable GitLab CI/CD templates with SonarQube scanning, Trivy security checks, and staged rollouts, cutting release failures by 35% and shrinking deploy time from hours to under 10 minutes.
- Managing deployments across two countries (Togo and Tanzania) had no standard process and no safety net, built and deployed KubeForge, a CLI tool with config validation, approval flow, and auto-rollback, reducing deploy time by 70 - 90% and eliminating manual errors across both regions.
- Log data was scattered across services with no single place to look when something broke, deployed a full ELK Stack (Filebeat, Logstash, Kibana) with custom dashboards and alerting across all Kubernetes services, cutting incident detection time by 60%.
- Took ownership of a PKR 3M recurring Postman license and replaced it entirely, deployed Hoppscotch on RHEL 8.10 with OAuth login, RBAC team workspaces, and Nginx routing built from zero. Licensing cost dropped to \$0 with no loss of functionality.
- No disaster recovery plan existed for production Kubernetes workloads, designed and deployed a full DR pipeline using Velero, OpenEBS, and MinIO. Validated it by deleting a live namespace and recovering 100% of data to a separate environment with zero data lost.

PROJECTS

KubeForge One Command Deployment Tool *Bash, Kubernetes, GitLab CI, ELK Stack, Ambassador, yq*

- Every engineer deploying to Tanzania or Togo did it differently, from memory, no checks, no approval, no record of what broke. I built KubeForge: one command validates config, shows what will change, waits for sign-off, then deploys safely. Failed rollouts recover themselves. Every run is logged to ELK, who, what, when, where. Deploy time dropped 70-90%, manual errors dropped to zero.

Disaster Recovery Pipeline *Velero, MinIO, OpenEBS, Kubernetes, Bash, Helm*

- Production data lived in Kubernetes with no backup and no tested recovery plan, just hope. I did not just build the system, I proved it works: set up Velero and MinIO to snapshot every namespace on a schedule, then deleted a live namespace on purpose and restored everything from backups alone. 100% of data recovered, nothing lost, recovery now runs automatically.

EDUCATION

Bachelor of Science in Computer Science (BSCS) – FAST NUCES, Karachi *CGPA: 3.33 / 4.0*
Sep 2021 – Jun 2025

- Gold Medalist (Fall 2024) – Awarded for top academic performance in the semester.
- Gold Medalist (Spring 2025) – Recognized again for securing top position in the semester.

CERTIFICATIONS

- **Certified Kubernetes Administrator (CKA)** *KodeKloud, Sep 2025*
- **Google Cloud Cybersecurity Certificate** *Google Cloud, Sep 2024*
- **Google Cloud Computing Foundations** *Google Cloud, Jul 2024*