

Aisha Khan

SENIOR DEVOPS ENGINEER

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PROFESSIONAL SUMMARY

Senior DevOps engineer with 9 years automating infrastructure and building reliable, secure delivery pipelines at scale. Expert in Kubernetes, Terraform and AWS, with a record of improving uptime, slashing deployment times and controlling cloud cost.

TECHNICAL SKILLS

Cloud: AWS, GCP, Kubernetes, Docker

IaC & CI/CD: Terraform, Helm, GitHub Actions, ArgoCD, Jenkins

Observability: Prometheus, Grafana, Datadog, PagerDuty

Languages: Go, Python, Bash

EXPERIENCE

Senior DevOps Engineer

May 2020 – Present

Helios Fintech — Remote (US)

- Migrated 60+ microservices to Kubernetes (EKS) with Helm and ArgoCD, improving deployment frequency 5x and uptime to 99.98%.
- Codified all infrastructure in Terraform across 3 AWS accounts, eliminating manual provisioning and cutting setup time from days to under an hour.
- Implemented autoscaling and cost-optimization policies that reduced monthly AWS spend by 28% (~\$340K/year).
- Built a self-service CI/CD platform on GitHub Actions, reducing mean deployment time from 35 to 7 minutes.
- Led incident-response improvements with Datadog and PagerDuty, lowering mean time to recovery (MTTR) by 47%.

DevOps Engineer

Jun 2016 – Apr 2020

Cobalt Systems — Portland, OR

- Containerized legacy applications with Docker, standardizing deployments across staging and production.
- Built Prometheus/Grafana monitoring that cut undetected outages to near zero.
- Automated database backups and disaster-recovery drills, achieving a tested RPO of under 15 minutes.

EDUCATION

B.S. in Computer Engineering

2015

Oregon State University — Corvallis, OR

CERTIFICATIONS

- Certified Kubernetes Administrator (CKA) (2021)
- AWS Certified Solutions Architect – Professional (2022)
- HashiCorp Certified: Terraform Associate (2021)