

MUHAMMAD MUNEEB

DevOps Engineer

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SUMMARY

DevOps Engineer with 3+ years of experience designing, securing, and operating cloud infrastructure across Azure, AWS, and Kubernetes. I am currently managing production and development Kubernetes (AKS) clusters running multiple cybersecurity products at Cytomate, backed by Azure Application Gateway, Load Balancers, and API Management for secure, highly available traffic delivery. Skilled at building CI/CD pipelines (Azure DevOps, GitLab), Infrastructure as Code (Terraform), and container orchestration, with a track record of cutting release cycle times, reducing infrastructure costs, and improving system uptime and reliability.

EXPERIENCE

Devops Engineer

cytomate.net

03/2025 - Present Location

Company Description

- Own and operate multiple production and development AKS (Azure Kubernetes Service) clusters running Cytomate's core product line — SARAB, ASM (Attack Surface Management), BreachPlus, and BattleTwin — ensuring high availability and zero-downtime releases.
- Designed secure, scalable ingress architecture using Azure Application Gateway (WAF-enabled) and Load Balancers to route and protect traffic across dev, staging, and production environments.
- Managed and secured internal and external APIs through Azure API Management, implementing rate-limiting, IP filtering, and authentication policies for multi-tenant product access.
- Built and maintained CI/CD pipelines in Azure DevOps and GitLab (with self-hosted runners) integrating ACR, staging slots, and secure secret injection, cutting deployment turnaround time significantly.
- Deployed and managed serverless workloads on Azure Function Apps, and stood up Azure AI Foundry with Mistral model deployments and containerized embedding services for AI-driven product features.
- Implemented FluxCD-based GitOps (hub-and-spoke, Kustomize overlays) for consistent, auditable multi-cluster application delivery.
- Provisioned and maintained AWS infrastructure (ECS Fargate, Aurora PostgreSQL, ElastiCache, EFS, CloudFront) via Terraform for a client patient-portal platform, including OIDC-federated CI/CD from GitLab to AWS.
- Managed wildcard SSL/TLS certificates (Let's Encrypt, SSL.com) across production domains on AKS and Azure App Service, and administered Entra ID (Azure AD), Conditional Access policies, and RBAC for secure access management.
- Led a multi-subscription Azure cost-optimization audit across the company's product lines, identifying and eliminating redundant spend.

KEY ACHIEVEMENTS

Operational Excellence

Successfully implemented CI/CD pipelines leading to significant improvements in deployment frequency and operational cost reduction

SKILLS

Ansible	Apache	AWS
Azure-Devops	Docker	Git
GitHub	GitLab	Grafana
IAC		
IAM	Jenkins	Kubernetes
Linux	Nginx	Prometheus
Proxy	SQL	Terraform
VPC		
Microservices		

EXPERIENCE

Azure DevOps Engineer

Micromerger

📅 12/2024 - 04/2025 📍 Islamabad, Pakistan

A technology company focusing on cloud and DevOps solutions

- Integrated Azure Blob Storage for secure and scalable object storage, improving data durability and reducing storage costs
- Implemented Azure Service Principal with proper role-based access control (RBAC) for secure automation in CI/CD workflows
- Developed and maintained Azure DevOps Pipelines for automated build and deployment, reducing release cycle time by 40%
- Managed APIs through Azure API Management, including rate-limiting, IP filtering, and authentication policies for secure and scalable access
- Utilized Azure Front Door to enhance global availability and performance with intelligent routing, SSL offloading, and WAF (Web Application Firewall)
- Explored Azure AI Foundry for integrating AI capabilities into microservices-based applications, enhancing predictive analytics and customer engagement
- Reduced storage costs by 30% and improved data durability by integrating Azure Blob Storage to securely manage 200 TB of business data.

DevOps Engineer

Micromerger

📅 12/2023 - 12/2024 📍 Islamabad, Pakistan

A technology company focusing on cloud and DevOps solutions

- Designed and implemented a fully automated CI/CD pipeline using Jenkins, reducing deployment time by 50% and increasing deployment frequency by 75%
- Collaborated with development teams to implement infrastructure as code, resulting in a 30% reduction in infrastructure costs and a 20% increase in system reliability
- Successfully integrated a Kubernetes cluster as a GitLab Runner, enhancing scalability and build performance
- Received Commendation for resolving critical VPC issues and peering problems for a development team
- Managed and maintained Kubernetes cluster ensuring high availability and scalability for containerized applications, implementing rolling updates and automatic scaling
- Migrated 20+ applications to AWS with Docker and ECS, achieving a 30% reduction in infrastructure costs and improving availability to 99.99%
- Enhanced Kubernetes security and availability by implementing the Istio service mesh

DevOps Engineer

WideAchor Group

📅 11/2022 - 10/2024 📍 Remote

A company providing remote DevOps and cloud infrastructure solutions

- Assisting in designing, implementing, and maintaining CI/CD pipelines to automate build, test, and deployment processes
- Configuring and managing infrastructure as code using Terraform and Ansible
- Implementing monitoring and logging solutions to track system performance, detect anomalies, and troubleshoot issues
- Supporting containerization efforts using Docker and Kubernetes
- Ensuring security best practices are followed in DevOps processes

EDUCATION

Bachelor of Science in Computer Science

Bahria University

📅 09/2019 - 07/2023 📍 Islamabad, Islamabad Capital Territory, Pakistan