

Muhammad Shaheer

muhammadshaheer4636@gmail.com | +923096174636 |
<https://www.linkedin.com/in/muhammadshaheersiraj/>

EXPERIENCE

PRIV – DevOps Engineer

April 2024 –
Remote, USA

Fulltime

- Spearheaded the management and optimization of Terraform Infrastructure as Code (IAC), ensuring seamless provisioning and reducing infrastructure deployment time by 40%.
- Managed and scaled a multi-node EKS cluster, implementing auto-scaling strategies that improved cost efficiency by 30% while maintaining high availability.
- Optimized EC2 instances running Ubuntu, applying automated patching and security hardening to minimize vulnerabilities and enhance uptime.
- Reduced backend server costs on DigitalOcean by 25% through resource optimization and implementing cost-effective storage solutions.
- Overhauled CI/CD pipelines, decreasing deployment failures by 50% and reducing application downtime to near-zero.
- Enforced security policies and IAM role-based access controls, improving compliance with industry security standards.
- Collaborated with cross-functional teams to align DevOps strategies with business objectives, driving operational efficiency and accelerating product delivery.

ALI CLOUD NEXUS – Azure DevOps Engineer

January 2023 – March 2024
Islamabad, Pakistan

Fulltime

- Led the design and implementation of CI/CD pipelines in Azure DevOps, automating build, test, and deployment processes for .NET applications, reducing release cycles by 60%.
- Managed Azure Kubernetes Service AKS clusters, optimizing node pools and auto-scaling to handle peak workloads while cutting infrastructure costs by 35%.
- Configured Azure DevOps repositories, pipelines, and artifact management to enhance code quality and accelerate delivery timelines.
- Implemented Azure Monitor, Log Analytics, and Application Insights, improving real-time observability and reducing issue resolution time by 40%.
- Developed Helm charts and Terraform modules to standardize infrastructure deployments across multiple environments.
- Worked closely with developers to containerize and deploy .NET applications, ensuring seamless rollouts with blue-green and canary deployment strategies.
- Enforced security best practices, including network isolation and identity management, reducing potential attack surfaces in cloud environments.

ALI CLOUD NEXUS – Kubernetes Administrator

May 2022 – January 2023
Islamabad, Pakistan

Fulltime

- Designed and maintained highly available Kubernetes clusters, implementing efficient workload distribution and self-healing mechanisms, reducing downtime by 70%.
- Automated cluster provisioning using Terraform and Helm, reducing infrastructure deployment time from hours to minutes.
- Applied RBAC policies, pod security policies, and network policies to tighten cluster security, preventing unauthorized access and mitigating security risks.
- Integrated Prometheus and Grafana for real-time monitoring and alerting, leading to a 50% improvement in incident response time.
- Developed and deployed Kubernetes operators and custom controllers to automate operational tasks, improving resource utilization by 40%.
- Implemented service mesh solutions like Istio, enhancing microservices networking, observability, and traffic control for better service resilience and debugging capabilities.
- Reduced cloud spending by 25% by fine-tuning cluster auto-scaling and optimizing resource requests/limits.

PROFESSIONAL CERTIFICATIONS

AZ-104 Microsoft	Certified Microsoft Azure Administrator	View Certificate
AZ-400 Microsoft	Certified Microsoft Azure DevOps Expert	View Certificate
Terraform Associate	Certified Terraform Associate by HashiCorp	View Certificate

SKILLS

- **DevOps Tools:** Terraform, Ansible, Jenkins, Azure DevOps, GitHub Actions, AWS Code-Pipeline
- **Cloud Platforms:** Microsoft Azure (AKS, VM, Storage, Networking, Monitor), AWS (EKS, EC2, S3, IAM, RDS)
- **Containerization & Orchestration:** Docker, Kubernetes (EKS, AKS), Helm, Kustomize
- **Infrastructure as Code:** Terraform
- **Monitoring & Logging:** Prometheus, Grafana, ELK Stack, Azure Monitor, AWS Cloud-Watch
- **Security & Compliance:** IAM, RBAC, Network Policies, Pod Security Policies
- **Networking:** VPC, Load Balancers, Service Mesh (Istio), Ingress Controllers

EDUCATION

Pakistan Institute of Engineering And Applied Sciences | *Bachelor In Computer Sciences*

- Cumulative GPA: 3.5