

SUMMARY

Cloud & DevOps Engineer with 6+ years of experience in Azure and AWS platforms, specializing in scalable infrastructure management using Kubernetes, Docker, Helm, Terraform, and Shell scripting. Proficient in CI/CD pipelines with ArgoCD and monitoring solutions like Prometheus, Grafana, and Loki. Experienced in optimizing performance and security enhancements by implementing Akamai and Cloudflare WAF and CDN features.

EDUCATION

Bachelor of Technology (Electronics and Communication Engineering)

Aug '15 - May '19

GLA University (8.6 CGPA)

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Technical Skills

Cloud: Azure, AWS

Containerisation: Docker, Kubernetes

Version Control System: GIT, GitHub, Bitbucket

Monitoring: New Relic, Prometheus, GRAFANA, Loki

IAC: Terraform

OS: Linux, Windows

Webserver / Proxy: Apache, NGINX

CD: Argo CD

CDN: AKAMAI & CLOUDFLARE

Scripting: BASH

Ticketing Tool: JIRA, SERVICE NOW

Security Tool: Akamai WAF, Cloudflare WAF, Azure Firewall

PROFESSIONAL EXPERIENCE

Senior Engineer DevOps

May 2022 - Present

Bold Technology Systems

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Roles and Responsibilities:

- Managed large-scale microservices applications on **Azure Web Apps**, **Traffic Manager**, and **Function Apps**, ensuring high availability, scalability, and optimal performance.
- Operated **AKS clusters** for multiple applications and migrated existing workloads from **Azure Web Apps** to **AKS**, resulting in reduced infrastructure costs and faster deployment cycles.
- Implemented **Helm** and **ArgoCD** for streamlined, faster deployments and seamless rollbacks, and utilized **KEDA** for efficient event-driven autoscaling of Kubernetes workloads.
- Set up **Prometheus**, **Grafana**, **Loki** and **NewRelic** for comprehensive monitoring and observability of applications and infrastructure.
- Experienced in managing and deploying **.NET** and **Next.js** applications in cloud environments.
- Developed and maintained Terraform modules for Azure resources such as **Web Apps**, **Virtual Machines**, **AKS Clusters**, and **Storage Accounts**.
- Proficiently resolved production issues, conducted in-depth Root Cause Analyses (RCAs).
- Deployed and maintained CMS like WordPress and Static Site Generator servers on Azure Virtual Machines using Apache and Nginx
- Leveraged **Akamai** and **Cloudflare** to optimize content delivery and application performance by implementing advanced CDN strategies, including caching, rewrites, and redirects.
- Strengthened application security by implementing Akamai and Cloudflare Web Application Firewall (WAF) solutions, configured DDoS rate limiting and implemented bot management to mitigate threats effectively.
- Automated daily task using bash script.

Roles and Responsibilities:

- Managed end-to-end **Azure infrastructure**, including **AKS clusters** and **Azure Virtual Machines**, ensuring smooth operations across development, testing, and production environments.
- Worked on IaaS and PaaS services such as Azure VMs, Storage Accounts, Azure Webapps, Function Apps, Azure Virtual Desktops, Traffic Managers and Load Balancers, Application Gateway etc.
- Manage access related tasks for users, groups and service accounts.
- Migrated Servers from Local Data Centers to Azure.
- Monitored Azure resources and configured alerts with **Azure Monitor** to ensure optimal performance and uptime.
- Automated patch management for IaaS VMs using **Azure Automation Accounts**, maintaining security and compliance.
- Generated monthly cost reports using **Azure Tags** and **Cost Management** for actionable cloud spending insights.
- Used **JIRA** for bug tracking, issue management, and project progress monitoring.
- Actively participated in Agile ceremonies including sprint planning and daily stand-ups.
- Monitored alerts in **Azure Monitor** to detect potential issues or bottlenecks and escalated them promptly to relevant teams.

CERTIFICATIONS

- Azure Fundamentals (AZ-900)
- Azure Administrator (AZ-304)