

ASFAND ALI

Cloud Engineer

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PROFESSIONAL SUMMARY

Results-driven Cloud Engineer with 4.5 years of experience designing, deploying, and managing scalable cloud infrastructure on AWS and Azure. Expert in Infrastructure as Code (Terraform, CloudFormation), container orchestration (Kubernetes, Docker), and CI/CD pipeline implementation. Proven track record of optimizing cloud costs, ensuring high availability, and implementing security best practices. Strong background in automation, monitoring, and cross-functional collaboration.

TECHNICAL SKILLS

Cloud Platforms:	AWS (EC2, S3, Lambda, CloudFront, RDS, VPC), Azure (VMs, Storage, Functions), GCP
Infrastructure as Code:	Terraform, CloudFormation, ARM Templates, Pulumi
Containers:	Docker, Kubernetes, EKS, AKS, Helm, Docker Compose
CI/CD Tools:	Jenkins, GitHub Actions, GitLab CI, Azure DevOps, CircleCI
Monitoring:	CloudWatch, Prometheus, Grafana, ELK Stack, Datadog, New Relic
Scripting:	Python, Bash, PowerShell
Operating Systems:	Linux (Ubuntu, CentOS, Amazon Linux), Windows Server
Networking:	TCP/IP, DNS, Load Balancing, VPN, VPC, Security Groups
Security:	IAM, Encryption, Security Auditing, KMS, Azure AD

PROFESSIONAL EXPERIENCE

Cloud Infrastructure Engineer | CloudTech Solutions | July 2023 - Present

- Design and manage scalable cloud infrastructure on AWS and Azure for enterprise clients
- Implement Infrastructure as Code using Terraform and CloudFormation, managing 200+ resources
- Deploy and maintain Kubernetes clusters (EKS, AKS) for containerized microservices
- Build and optimize CI/CD pipelines using GitHub Actions and Jenkins, reducing deployment time by 60%
- Monitor cloud systems using CloudWatch, Prometheus, and Grafana; maintain 99.9% uptime SLA
- Implement security best practices including IAM policies, encryption, and network security
- Reduce cloud costs by 35% through resource optimization and rightsizing recommendations

DevOps Engineer | TechStart Inc. | August 2021 - June 2023

- Built and maintained CI/CD pipelines for automated testing and deployment
- Managed Docker containers and Kubernetes deployments across multiple environments
- Automated infrastructure provisioning using Terraform and Ansible
- Collaborated with development teams to ensure application scalability and reliability
- Implemented monitoring solutions and participated in incident response and root cause analysis
- Created comprehensive documentation for infrastructure and operational procedures

Cloud Engineering Intern | Digital Systems Corp | June 2020 - August 2020

- Assisted in AWS infrastructure management and deployment automation
- Developed Python scripts for cloud resource monitoring and cost tracking
- Supported production systems and participated in troubleshooting activities

EDUCATION

Bachelor of Science in Computer Engineering

University of Toronto | September 2017 - June 2021 | GPA: 3.72/4.0

Honors: Dean's List, Engineering Society Member

CERTIFICATIONS

- AWS Certified Solutions Architect - Associate
- AWS Certified SysOps Administrator - Associate
- Microsoft Certified: Azure Administrator Associate
- Certified Kubernetes Administrator (CKA)
- HashiCorp Certified: Terraform Associate

KEY PROJECTS

- **Multi-Region Infrastructure Migration:** Led migration of legacy infrastructure to AWS using Terraform, implementing multi-region architecture with automatic failover, reducing costs by 35%
- **Kubernetes Platform:** Designed and implemented production-grade Kubernetes cluster with automated scaling, achieving 99.99% uptime
- **Observability Platform:** Built comprehensive monitoring solution using Prometheus and Grafana for 50+ microservices, reducing MTTR by 45%