IRFAN BASHA

DevOps & Cloud Computing

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Professional Summary

AWS Certified DevOps Engineer with hands-on experience in container orchestration, infrastructure automation, and CI/CD pipeline implementation. Proven expertise in deploying scalable applications on Amazon EKS with comprehensive monitoring solutions. Seeking SRE/DevOps Engineer role to leverage cloud infrastructure and automation skills.

Technical Expertise

Cloud Platforms: Amazon Web Services (AWS) , Azure,Google Cloud Platform (GCP)
Container Technologies: Docker, Kubernetes, Helm Charts
Infrastructure Automation: Terraform, AWS CLI, Infrastructure as Code
CI/CD & GitOps: Jenkins, ArgoCD, Git, GitHub Actions
Monitoring & Observability: Prometheus, Grafana, CloudWatch, Log Analysis
Configuration Management: Ansible, YAML Manifests
Programming: Python, Shell Scripting, SQL/NoSQL
Operating Systems: Linux Administration, Windows

Certification

- **AWS Certified Solutions Architect – Associate**
  Credential URL - www.credly.com/badges/8336f37b-d694-499c-812c-06e86db040c7
  Validity - July 21, 2025 - July 21, 2028

- **Google Data Analytics Professional Certificate**
  Credential URL - www.credly.com/badges/dc2deaa4-1d54-40c1-b8e6-5be2badfb151/public_url
  Date issued: March 21, 2025

Hands-On with AWS Project

Project Name - Three-tier Application Deployment on AWS EKS

- Architected and deployed cloud-native three-tier application using ReactJS, NodeJS, MongoDB on Amazon EKS cluster
- Implemented Infrastructure as Code (IaC) using Terraform for VPC, EC2, IAM, and EKS resource provisioning
- Built end-to-end CI/CD pipeline with Jenkins for automated testing and deployment
- Established comprehensive monitoring stack using Prometheus and Grafana with custom dashboards
- Achieved 99.9% uptime through AWS Load Balancer Controller and auto-scaling configurations
- Reduced deployment time by 70% through GitOps workflow implementation with ArgoCD
- Reduced infrastructure provisioning time from 4 hours to 15 minutes using Terraform
- Achieved 40% cost optimization through efficient resource management and cleanup automation
- Automated deployment process reducing manual intervention by 80%

Education

Aalim muhammed salegh college of engineering Folio No: AUE11065698
2021-2025
BE. Computer science engineering