

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 across AWS and Azure cloud platforms. Proven expertise in deploying scalable microservices applications on Amazon EKS and Azure Kubernetes Service with comprehensive monitoring solutions. Skilled in multi-cloud environments, GitOps workflows, and Infrastructure as Code. Seeking SRE/DevOps Engineer role to leverage cloud infrastructure and automation skills in building resilient, scalable systems.

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 Cloud Projects

Project Name - Three-tier Application Deployment on AWS EKS :

- Architected enterprise-grade cloud infrastructure deploying a complete three-tier application (ReactJS, NodeJS, MongoDB) on Amazon EKS with 99.9% uptime using AWS Load Balancer Controller and auto-scaling
- Accelerated delivery through automation by implementing Terraform IaC (reducing provisioning from 4 hours to 15 minutes) and Jenkins CI/CD pipeline with ArgoCD GitOps, cutting deployment time by 70% and manual intervention by 80%
- Established production-ready observability with comprehensive Prometheus and Grafana monitoring stack featuring custom dashboards for real-time metrics, logs, and performance tracking
- Delivered measurable business value achieving 40% cost optimization through efficient resource management, automated cleanup processes, and strategic infrastructure design

Project Name - Microservices Voting Application with Azure CI/CD Pipeline :

- Architected cloud-native voting application with 5 microservices using Python (Flask), .NET Core, Node.js, Redis, and PostgreSQL on Azure Kubernetes Service
- Built automated CI/CD pipeline using GitHub Actions with multi-platform Docker builds (amd64, arm64, arm/v7) and dual registry strategy reducing deployment time by 90%
- Implemented real-time results dashboard using WebSockets and Redis message queue with health checks and volume persistence for production-ready infrastructure
- Created Kubernetes manifests with path-based build triggers optimizing CI/CD efficiency by 70% following GitOps and Infrastructure as Code practices

Education

Aalim muhammed salegh college of engineering
2021-2025
BE. Computer science engineering

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