MOHAMMED FAISAL IQBAL

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SUMMARY

Results-driven AWS DevOps Engineer with expertise in cloud infrastructure management and automation. Proficient in core AWS services and experienced in implementing CI/CD pipelines using Jenkins, with strong skills in containerization using Docker and Kubernetes, and Infrastructure as Code using Terraform. Successfully delivered scalable cloud projects focusing on automated deployments, infrastructure optimization, and monitoring solutions while driving operational efficiency through DevOps best practices.

SKILLS

- **Cloud Computing**: **AWS** (EC2, S3, EKS, RDS, IAM, VPC, EBS, Auto Scaling, CloudFront, CloudWatch)
- **DevOps Tools**: Docker, Kubernetes, Jenkins, GitHub Actions, Terraform, Ansible, SonarQube
- **Monitoring Tools:** Prometheus, Grafana
- **Version Control & OS**: Git, Linux
- **Scripting**: Python, Bash

PROJECTS

Complete Automation Pipeline with Jenkins and Kubernetes - Github

- Built an end-to-end automation system using Jenkins that includes code building with Maven, quality checks with SonarQube, and security scanning with Trivy
- Created Docker containers for Java applications and deployed them to Kubernetes clusters with proper namespaces
- Set up automatic image pushing to Docker Hub, making deployments much faster and more reliable

WordPress 2-Tier Architecture Deployment on AWS using Terraform - Github

- Deployed 2-tier WordPress application on AWS using Terraform IaC, provisioning VPC, EC2 instances, RDS MySQL database, and Application Load Balancer with S3 remote state management
- Implemented high-availability architecture with multi-AZ deployment and secure network design using private subnets for database tier and load balancer distribution across availability zones
- Configured automated infrastructure with security groups, scalable design, and production-grade environment setup reducing manual deployment time by 85%

Real-time Application & Server Monitoring Platform with Multi-Exporter Setup - Github

- Created multi-server monitoring infrastructure using Prometheus, Grafana, Node Exporter, and Blackbox Exporter across EC2 instances for Java application monitoring.
- Configured Prometheus YAML for automated metrics collection from system resources and endpoint availability monitoring with real-time alerting.
- Implemented Grafana dashboards with imported Node Exporter and Blackbox templates for comprehensive performance visualization and reporting.

EXPERIENCE

Elevate Labs DevOps Intern | 1 month

During my 1-month free internship at Elevate Labs, I gained hands-on experience with AWS services like EC2, S3, and IAM. I also learned to use DevOps tools including Docker, Kubernetes (k8s), and Jenkins for CI/CD pipelines. This exposure helped me understand cloud infrastructure and automation workflows effectively.

CERTIFICATIONS

- **AWS Cloud Quest: Cloud Practitioner - Credly**
- **Getting Started with DevOps on AWS**

EDUCATION

Bachelor of Computer Application (BCA) | CGPA: 8.7

SRTM University | Nanded, Maharashtra | 2021–2024