

Syed Azher Ali

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Summary :

Computer Science graduate with a solid understanding of DevOps and cloud technologies. Seeking an opportunity to apply my skills in a dynamic environment and contribute to innovative projects.

Technical Skills :

Programming languages	Python, Bash (Shell Scripting)
Source Code	GIT, GitHub
Cloud	AWS, Azure
Cloud Services	EC2, ELB, S3, EBS, VPC, AKS, Route 53, RDS, Auto-Scaling, IAM, SNS, Cloud Front, Cloud Formation, Cloud Watch, Elastic Beanstalk, ECS, EKS, Lambda, etc.
Container Orchestration Tools	Kubernetes, Docker, EKS, Helm
CI/CD	Jenkins, GitHub Actions, ArgoCD
Network and Security	Amazon VPC, Azure Virtual Network (VNet), HashiCorp Vault, Azure ExpressRoute, AWS IAM, Azure AD, Key Vault
Operating Systems	Windows, Linux (Red hat, Ubuntu), Mac
Databases	MySQL, Postgresql
Configuration Management & IAC	Ansible, Terraform
Artifact Repositories	Artifactory, Nexus
Monitoring & Observability	Prometheus, Grafana
Server Management	Apache Tomcat, Nginx
Build Automation	Maven, Gradle
DevSecOps Tools	SonarQube, Trivy, OWASP

Projects :

DevSecOps Pipeline for Micro-services Deployment on AWS EKS with GitOps

Dec 2024 - Jan 2025

- Built CI/CD pipeline using GitOps and DevSecOps for deploying **micro-services** on **AWS EKS**.
- Provisioned infrastructure with **Terraform**, automating AWS resources (VPC, subnets, security groups, EKS etc). Managed code and manifests in Git, enabling version control and GitOps-driven deployments.
- Automated Docker builds and security scans (Trivy, DP Check, SonarQube) with **Jenkins**, pushing images to **Amazon ECR**.
- Deployed applications using **ArgoCD**, syncing manifests from GitHub to EKS. Configured **AWS Load Balancer Controller and Ingress** for traffic routing in the cluster. Secured private EKS cluster access through a jump server.
- Configured **custom domain** names for deployed application

Django CI/CD Pipeline on AWS

Sep 2024 - Oct 2024

- Automated Django app deployment using **Jenkins**, Git, and AWS CodeDeploy.
- Managed static/media files with AWS **S3**, and AWS **RDS** for database.
- Provisioned AWS infrastructure (VPC, EC2, ALB, Auto Scaling) using **Terraform**.
- Set up secure VPC with private subnets and **Application Load Balancer** for traffic distribution.
- Configured Auto Scaling to dynamically adjust resources based on traffic demand.
- Integrated CI pipeline to automate code pulls, builds, tests, and deployments.
- Enabled continuous delivery to EC2 instances with zero downtime using **AWS CodeDeploy**.

Education :

Bachelor in Computer Science

Apr 2021 - May 2024

University of KAKATIYA GPA: 7.35