

# Syed Azher Ali

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## Objective:

B.SC Computer Science student 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, Java, C language, Bash (Shell Scripting)
Source Code	GIT, GitHub, Code Commit
Cloud	AWS, Azure
Cloud Services	Aws EC2, ELB, S3, EBS, VPC, AKS, Route 53, RDS, Auto-Scaling, IAM, SNS, SES, SQS, Cloud Front, Cloud Formation, Cloud Watch, Elastic Beanstalk, ECS, EKS, Lambda, etc.
Container Orchestration Tools	Kubernetes, Docker, EKS, Helm
CI/CD	Jenkins, Azure DevOps, 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	Ansible
Artifact Repositories	Artifactory, Nexus
Monitoring & Observability	Prometheus, Grafana, ELK Stack( Elasticsearch, Logstash,kibana)
Server Management	Apache Tomcat, Nginx
Build Automation	Maven, Gradel, ANT
DevSecOps Tools	SonarQube, Trivy, OWASP

## Projects:

**End-to-End DevSecOps Pipeline for Microservices Deployment on AWS EKS with GitOps**      **Dec 2024 - Jan 2025**

- Built CI/CD pipeline using GitOps and DevSecOps for deploying microservices on AWS EKS.
- Provisioned infrastructure with Terraform, automating AWS resources (VPC, subnets, security groups, EKS). 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 services.

#### **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**

University of KAKATIYA GPA: 7.5

**Aug 2021 - Aug 2024**