

SUHEL KHAN

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Career Objective

AWS Certified Developer – Associate and DevOps Engineer with hands-on experience in automation, CI/CD pipelines, containerization, and cloud-native technologies. Skilled in designing, deploying, and managing scalable, secure infrastructure using Infrastructure as Code (IaC) tools such as Terraform and Ansible. Focused on delivering high-availability solutions in AWS and Kubernetes environments.

Technical Skills

CI/CD Tools: Jenkins, GitHub Actions, Helm

IaC Tools: Terraform, CloudFormation, Ansible

Containers & Orchestration: Docker, Kubernetes

Cloud Platforms:

- **AWS:** EC2, EKS, ECS, Lambda, RDS, S3, VPC, ELB, IAM

- **Azure:** Virtual Machines, Load Balancers, Azure SQL, Blob/File Storage

Monitoring & Logging: Prometheus, Grafana, CloudWatch, Fluent Bit

Scripting & OS: Bash, Python, Linux (Ubuntu)

Version Control: Git, GitHub

Soft Skills

- Strong analytical and problem-solving skills
- Quick learner and adaptable to new technologies
- Effective communicator and team collaborator

Personal Projects

DevOps Pipeline for MERN E-commerce App

github.com/SUHEL782/MERN-Ecommerce

- Developed a CI/CD pipeline for a MERN-based e-commerce app using Jenkins, Docker, and Helm on AWS EKS.
- Provisioned infrastructure via Terraform; automated configurations with Ansible for consistent environments.
- Enabled centralized logging with Fluent Bit, monitoring via Prometheus/Grafana, and security with GuardDuty.

CI/CD Workflow for Spring Boot Banking System

github.com/SUHEL782/Springboot-BankApp

- Designed a secure CI/CD workflow using Jenkins, Docker, and Helm for a microservices-based banking system.
- Deployed services to AWS EKS with Terraform modules and implemented autoscaling via Kubernetes HPA.
- Integrated observability with CloudWatch and Grafana, and enabled rollback strategies using Helm hooks.

DevOps Pipeline for MERN-based Crypto Application

github.com/SUHEL782/MERN-CryptoApp

- Built a CI/CD pipeline using Github Actions for a Dockerized MERN crypto tracker deployed on AWS EKS.
- Provisioned infrastructure with Terraform and used Ansible for secure, repeatable environment setup.
- Configured real-time monitoring with Prometheus/Grafana and centralized logs with Fluent Bit to CloudWatch.

Education

Shri Ramswaroop Memorial University, Lucknow

Bachelor of Computer Applications – Industry Integrated

July 2023 – May 2026

- CGPA: 7.91 / 9.5
- Relevant Coursework: Cloud Computing, DevSecOps

Certifications

- AWS Certified Developer – Associate