

SUHEL KHAN

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Career Objective

AWS Certified Developer – Associate and DevOps enthusiast with hands-on experience in CI/CD automation, container orchestration, and cloud infrastructure on AWS and Azure. Seeking a Junior DevOps or Cloud Engineer role to apply skills in Terraform, Kubernetes, and automation, while gaining professional experience and contributing to efficient, reliable deployments.

Technical Skills

Cloud Platforms:

- **AWS:** EC2, EKS, ECS, Lambda, RDS, S3, VPC, ELB, IAM, CloudWatch, GuardDuty
- **Azure:** Virtual Machines, Load Balancer, Azure SQL, Blob/File Storage

CI/CD & DevOps Tools: Jenkins, GitHub Actions, Helm, ArgoCD

Infrastructure as Code (IaC): Terraform, CloudFormation, Ansible

Containers & Orchestration: Docker, Kubernetes, Helm Charts

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

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

Version Control & Collaboration: Git, GitHub, GitLab

Soft Skills

- Problem-solving and analytical thinking
- Quick learner, adaptable to emerging technologies
- Effective communication, collaboration, and teamwork

Personal Projects

BankApp – DevOps Pipeline

- **Situation:** The banking system faced frequent microservice updates that caused slow deployments and occasional downtime.
- **Task:** Automate the CI/CD pipeline to streamline deployments and improve reliability.
- **Action:** Built a CI/CD pipeline using Jenkins, Docker, and Helm; provisioned infrastructure with Terraform; implemented autoscaling on AWS EKS using Kubernetes HPA.
- **Result:** Reduced deployment time by 35% and improved system reliability using Helm rollback hooks, CloudWatch metrics, and Grafana dashboards.

Multi-Environment Automation – Terraform + Ansible

- **Situation:** Provisioning development, staging, and production environments was time-consuming and inconsistent.
- **Task:** Automate multi-environment provisioning and configuration management while ensuring security.
- **Action:** Used Terraform to provision EC2, S3, and DynamoDB; applied Ansible for consistent server configuration; configured IAM roles and VPC segmentation.
- **Result:** Reduced environment setup time by 60% and strengthened security posture.

MERN E-commerce – DevOps Pipeline

- **Situation:** The e-commerce application required scalable deployments and reliable monitoring.
- **Task:** Implement a CI/CD pipeline to ensure high availability.
- **Action:** Built a full CI/CD pipeline using Jenkins, Docker, and Helm; provisioned infrastructure with Terraform; managed configuration using Ansible.
- **Result:** Achieved high availability and real-time monitoring with Fluent Bit, CloudWatch, Prometheus, and Grafana.

Education

Shri Ramswaroop Memorial University, Lucknow

BCA – Industry Integrated (Sunstone), July 2023 – May 2026

CGPA: 7.91 / 9.5 | Coursework: Cloud Computing, DevSecOps, Linux, Automation

Certifications

- AWS Certified Developer – Associate
- Microsoft Certified: Azure Fundamentals (AZ-900)