

SUHEL KHAN

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Portfolio | LinkedIn | GitHub

Career Objective

AWS Certified Developer – Associate and DevOps enthusiast seeking opportunities as a DevOps Engineer Intern or Full-Time. Skilled in CI/CD, cloud automation, and container orchestration using AWS, Kubernetes, Terraform, and Ansible. Passionate about improving deployment efficiency, reliability, and driving DevOps best practices to deliver business value.

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 Tools: Jenkins, GitHub Actions, Helm

Infrastructure as Code: Terraform, CloudFormation, Ansible

Containers & Orchestration: Docker, Kubernetes

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

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

Version Control: Git, GitHub

Soft Skills

- Problem-solving and analytical thinking
- Quick learner, adaptable to new tech
- Effective communication and teamwork

Personal Projects

BankApp – DevOps Pipeline

- Engineered a complete CI/CD pipeline using Jenkins, Docker, and Helm for a microservices banking system.
- Automated infrastructure with Terraform and implemented autoscaling on AWS EKS using Kubernetes HPA.
- Strengthened reliability by adding Helm rollback hooks, CloudWatch metrics, and Grafana dashboards for monitoring.

Real-Time Log Analysis – AWS Kinesis

- Built a high-throughput data pipeline using AWS Kinesis to ingest and analyze application logs in real time.
- Integrated Elasticsearch and Kibana for search and visualization; set up proactive alerts via CloudWatch + SNS.
- Enabled early detection of anomalies and threats, reducing incident response time significantly.

Multi-Env Terraform + Ansible

- Automated provisioning of EC2, S3, and DynamoDB across dev, staging, and production environments with Terraform modules.
- Enhanced security with IAM roles, VPC network segmentation, and tightly scoped Security Groups.
- Applied Ansible for consistent server configuration, reducing manual setup errors and cutting environment setup time by 60%.

MERN E-commerce – DevOps Pipeline

- Designed and deployed a full CI/CD pipeline with Jenkins, Docker, and Helm for a scalable MERN e-commerce app on AWS EKS.
- Provisioned cloud infrastructure using Terraform, and automated configuration management with Ansible for reproducibility.
- Deployed centralized logging (Fluent Bit + CloudWatch) and real-time monitoring (Prometheus/Grafana) to ensure high availability.

Education

Shri Ramswaroop Memorial University, Lucknow

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

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

Certifications

- AWS Certified Developer – Associate
- Microsoft Azure – 20+ modules completed