

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 pipelines, cloud infrastructure, Infrastructure as Code (IaC), Linux administration, and container orchestration using AWS, Kubernetes, Docker, Terraform, and Ansible. Passionate about streamlining deployments, enhancing system reliability, and enforcing DevOps best practices to accelerate software delivery and 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 & 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, CentOS)

Version Control & Collaboration: Git, GitHub, GitLab, Agile/Scrum

Soft Skills

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

Personal Projects

BankApp – DevOps Pipeline

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

Real-Time Log Analysis – AWS Kinesis

- Developed 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; configured proactive alerts via CloudWatch + SNS.
- Applied anomaly detection practices, reducing incident response time significantly.

Multi-Environment Automation – Terraform + Ansible

- Streamlined provisioning of EC2, S3, and DynamoDB across development, staging, and production environments using Terraform modules.
- Strengthened security with IAM roles, VPC network segmentation, and tightly scoped Security Groups.
- Enforced Ansible for consistent server configuration, 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 application on AWS EKS.
- Provisioned cloud infrastructure using Terraform and applied configuration management with Ansible for reproducibility.
- Implemented 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, Linux, Automation

Certifications

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