



# MUZAFFAR KHAN

## DEVOPS ENGINEER

### CAREER SUMMARY

I am a seasoned DevOps engineer with over 4.5 years of experience in architecting, fine-tuning, and managing end-to-end CI/CD pipelines, infrastructure automation, and cloud deployments. My expertise spans a wide array of DevOps tools and cloud platforms, reflecting my adaptability and technical proficiency.

What sets me apart is my ability to seamlessly blend technical expertise with effective collaboration, all while prioritizing DevSecOps principles. I have a consistent track record of leading cross-functional teams, optimizing operational workflows, driving innovation, and ensuring security at every stage of the software delivery process. Guided by agile methodologies, I excel in high-paced, dynamic environments, with a proven commitment to continuous improvement and security.

### HOW TO CONTACT ME



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[github.com/muzafferjoya](https://github.com/muzafferjoya)

### WORK EXPERIENCE

#### DevOps Engineer

July 2022 - Present



- I am experienced with a variety of AWS services, including Amazon EC2, CloudFront, Route 53, S3, SNS, RDS, IAM, CloudWatch, Lambda Function, and Trusted Advisor, showcasing proficiency in cloud computing, infrastructure management, and scalable, reliable cloud solutions.
- I am proficient in designing, implementing, and managing end-to-end CI/CD pipelines, with a track record of successfully orchestrating project deployments across various pipeline stages, including development, staging, and production environments.
- Ensuring the security and compliance of the DevOps infrastructure and implementing best practices for security and compliance.
- Identifying opportunities to improve the efficiency and reliability of the DevOps infrastructure and implementing solutions to address them.
- Implement security scanning (Trivy, Snyk) and perform vulnerability assessments (OWASP ZAP).
- Document infrastructure configurations, processes, and procedures to ensure knowledge sharing and smooth operations.
- Developed and maintained real-time data streaming solutions using Apache Kafka.
- Designed and implemented Kafka producers and consumers for efficient data communication within the organization.
- Worked on performance optimization and scalability enhancements for Kafka clusters.
- Collaborated with cross-functional teams to integrate Kafka into various data-driven applications.
- Managed Kafka topics, partitions, and replication to ensure data availability and reliability.
- Monitored and troubleshooted Kafka clusters, ensuring high availability and data consistency.
- Participated in on-call support and incident response for Kafka-related issues.

## DevOps Engineer



Feb 2021 - April 2022

- Expertise in implementing and managing the DevOps CI/CD pipeline.
- Hands-on experience in managing development and production servers on the cloud; expertise in troubleshooting real-time issues
- Working knowledge on AWS services like S3, EC2, Route53, Cloud Front, ECR, Elastic Beanstalk, ACM, Code Pipeline, and monitoring services like Cloud Watch and Datadog
- Experience in DevOps automation tools And very well versed in DevOps frameworks.
- Web Server/Application Server deployments and administration.
- Hands-on experience in AWS services and AWS DevOps tools.
- Experienced in Build from the ground up a DevOps tools-chain (Jenkins, Docker, Terraform).
- Installing and Configuring Jenkins, installing plug-in, configuring security, creating a master and slaves for implementation of multiple parallel builds.
- Creating alarms in Cloud Watch service for monitoring the server performance, CPU Utilization, disk usage.
- Experience in Docker like creating Docker images, containers, Docker files, tagging and publishing to Docker Hub.

## DevOps Engineer



Nov 2019 - Dec 2020

- Used GIT for source code version control and integrated with Jenkins for CI/CD pipeline, code quality tracking and user management with build tools Maven.
- Building Scalable and Fault-Tolerant AWS CI/CD Pipeline.
- Developing CI/CD roadmap and implementing to the project through Jenkins, Docker images.
- Setup deploy and manage the application stacks on AWS.
- Experience in working with deployment of LAMP stack.
- Automated the continuous integration and deployments using Jenkins, Docker.
- Experienced in using Build Automation scripting like Maven as build tools for building of deployable artifacts (JAR, WAR) from source code.

## TECHNICAL SKILLS

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|---------------------------------------|--|
| • Cloud                               | : AWS  |
| • CI/CD Tool                          | : Jenkins, ArgoCD                            |
| • Containerization/Orchestration Tool | : Docker, Kubernetes, Openshift Rosa Cluster |
| • Web Servers                         | : Apache, Nginx                              |
| • Infra Automation Tool               | : Ansible, Terraform                         |
| • Monitoring Tool                     | : Grafana, Prometheus                        |
| • DevSecOps Tools                     | : Trivy, Snyk, OWASP ZAP, SonarQube          |
| • Version Control System              | : GitHub, Gitlab, Bitbucket                  |

## PERSONAL SKILLS

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- Good Interpersonal Skills
- Leadership Qualities with Good Communication
- Eager to Learn and Contribute
- Confident and Friendly Personality
- Ability to Work Effectively and Quickly
- Team Player
- Attention to Detail
- Problem-Solving Skills

## ACADEMIC BACKGROUND

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Bhartiya Institute of Engineering and Technology - Sikar (Rajasthan)

B.TECH (CSE) | 2019

## DECLARATION

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I hereby declare that the above mentioned statement is correct & true to the best of my knowledge and belief.

Date \_\_\_\_\_

Palace \_\_\_\_\_

**Muzaffar khan**