**Anmol Mishra**

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**Summary**

DevOps Engineer with a strong background in CI/CD pipeline management, cloud services, and automation. Proven ability in managing and optimizing software deployment processes using Jenkins and AWS. Committed to advocating for customer needs and improving operational efficiency.

**Education**

B.Tech (ECE) 8.55 CGPA

Lakshmi Narain College of Technology, Bhopal (2018-2022)

**Professional Experience**

Volvo Group — Associate Engineer 2022-2024 Bengaluru

• Managed and optimized CI/CD pipelines using Jenkins to ensure seamless software deployment. Efficiently tracked and resolved project tasks in Jira, contributing to streamlined project management and timely delivery

**Projects**

**DevOps Automation and QA using Jenkins**

Developed CI/CD pipeline with Jenkins, integrating GitHub for version control, Maven for builds, SonarQube for code quality, OWASP for security, Docker for containerization, and Kubernetes for deployment.

**AWS EKS Deployment for Petclinic Application**

• Provisioned an AWS EKS cluster using AWS CloudFormation for infrastructure setup, including a custom VPC and load balancer, and successfully deployed the Petclinic application, ensuring efficient, scalable, and resilient container orchestration

**Skills**

**- CI/CD Tools**: Jenkins

- **Build Tools**: Maven

- **Container Management**: Docker & Kubernetes

- **Source Code Management**: Git/GitHub, BitBucket/Stash

- **Infrastructure as Code (IaC)**: Ansible, Terraform

- **Code Quality and Security**: SonarQube, OWASP

- **Cloud Platforms**: AWS [EC2, IAM, S3, VPC, Load Balancer, Auto Scaling Group (ASG), CloudWatch, Cloud Formation Template (CFT), Elastic Kubernetes Services (EKS)]

- **Programming and Scripting**: Python (with OOPs), Shell Scripting

- **Operating Systems**: Linux (Ubuntu), Windows

- **Ticketing and Knowledge Management**: Jira, Confluence

- **Artifactory Management**: Nexus

- **Monitoring and Logging**: Prometheus and Grafana

**- Internet Technologies**: Basic understanding of HTTP, DNS, TLS, and networking concepts through AWS VPC and Load Balancer configurations.

**Certifications**

- DevOps Course from Udemy

• Acquired skills in AWS DevOps, including CI/CD, container orchestration, and infrastructure management.