**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 in Electronics and Communication Engineering (ECE) 8.55 CGPA

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

Relevant Coursework: Software Engineering, Computer Networks, Operating Systems

**Professional Experience**

Volvo Group — Associate Engineer 2022-2024

Bengaluru

• Managed and optimized CI/CD pipelines using Jenkins, ensuring seamless software deployment for distributed systems.

• Advocated for customer needs by improving deployment processes and reducing downtime.

• Efficiently tracked and resolved project tasks in Jira, contributing to streamlined project management and timely delivery.

• Collaborated with development and operations teams to ensure the scalability and reliability of hosted services.

**Projects**

**DevOps Automation and QA using Jenkins** | [[Link](https://github.com/anmolmishra334/Petclinic)]

• Developed and managed a CI/CD pipeline with Jenkins, integrating Jira for issue tracking, GitHub for version control, Maven for builds, SonarQube for code quality, OWASP for security, Apache Tomcat for deployment, and Nexus for artifact management.

• Advocated for user needs by ensuring high-quality code and secure deployments, improving overall customer satisfaction.

**AWS EKS Deployment for Petclinic Application** | [[Link](https://github.com/anmolmishra334/Petclinic)]

• Provisioned an AWS EKS cluster using AWS CloudFormation, including setting up a custom VPC and load balancer, to deploy the Petclinic application.

• Ensured efficient, scalable, and resilient container orchestration, demonstrating the ability to manage large distributed systems.

**Skills**

**- CI/CD Tools**: Jenkins, AWS CI/CD

- **Build Tools**: Maven

- **Container Management**: AWS EKS (Elastic Kubernetes Services), Docker

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

- **Infrastructure as Code (IaC)**: Ansible, AWS CloudFormation Template (CFT)

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

- **Cloud Platforms**: AWS (EC2, IAM, S3, VPC, Load Balancer, Auto Scaling Group, CloudWatch, CLI)

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

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

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

- **Artifactory Management**: Nexus

- **Logging and Monitoring**: 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.