

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.