Mohammed Adil Khan

DevOps Engineer

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SUMMARY

Accomplished DevOps engineer with a demonstrated history of optimizing software delivery processes and enhancing infrastructure reliability. Expert in integrating deployment and operations teams to foster collaboration and efficiency. Proven ability to support senior management in resolving complex issues through insightful analysis and strategic recommendations.

SKILLS

- **Cloud Services:** Amazon Web Services, Azure cloud
- **Containerization & Orchestration:** Docker, Kubernetes
- **Infrastructure as Code:** Terraform
- **Scripting and Automation:** Ansible, Scripting
- **Languages:** Linux, Shell Scripting, Python
- **Continuous Integration/Continuous Deployment (CI/CD):** Jenkins

EXPERIENCE

FULL STACK ACADEMY | Intern   Hyderabad | DEC 2023 – Present

- Set up and maintain development, staging, and production environments.
- Monitor system performance and troubleshoot issues.
- Automate deployment processes.
- Implement and maintain CI/CD pipelines.
- Develop and maintain scripts to automate system administration tasks.
- Streamlined and automated delivery pipelines, improving the speed and reliability of software deployments.
- Implemented robust monitoring and optimization techniques, enhancing infrastructure reliability and reducing downtime.
- Fostered communication and integrated workflows between deployment and operations teams, increasing efficiency and reducing deployment errors.
- Provided insightful analysis and strategic recommendations, enabling senior managers to make informed decisions and effectively address complex operational challenges.

PROJECTS

DevSecOps Pipeline Projects: Deploy netflix Clone on Kubernetes

- Deployed a **Netflix** clone application as a Docker container on an Amazon **EKS** cluster using a secure CI/CD pipeline.
- Utilized **Jenkins** for continuous integration and continuous deployment.
- Employed **SonarQube** for code quality analysis and **Trivy** for vulnerability scanning.
- Integrated **Prometheus** for monitoring application performance and health metrics.
- Set up **Grafana** dashboards to visualize metrics collected by Prometheus.
- Managed Kubernetes application deployments using **Helm** charts.
- Implemented continuous deployment with **ArgoCD** for automatic application updates in the Kubernetes cluster.

AWARDS

AWS Cloud Quest: Cloud Practitioner
AWS Cloud Practitioner Essentials
Aws foundation cost management

EDUCATION

SSIEMS | Btech ,Electrical And Electronics Engineering   Parbhani|**2019-2023**

Milind Jr Science collage   Latur | **2018**