Harshit Purohit

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PROFESSIONAL SUMMARY

DevOps & Cloud Intern with hands-on experience managing server infrastructure, CI/CD pipelines, and cloud deployments across AWS. Currently interning at E-Connect Solutions, contributing to real-time infrastructure support and DevOps tasks involving GitLab, NGINX, IIS, and Prometheus. Previously contributed to deploying AI applications on AWS Lambda and EC2 at LearnMigo AI. Passionate about automation, scalable architectures, and leveraging cloud-native technologies to improve efficiency and reduce downtime.

WORK EXPERIENCE

Cloud DevOps Intern   *Feb 2025 – March 2025*
LEARNMIGO
- Deployed LearnMigo's AI application using AWS EC2, Lambda, and Docker.
- Managed IAM roles and ACL policies for access control and security.
- Supported Jenkins CI/CD setup and basic container orchestration using Kubernetes.

DevOps & Cloud Intern
E-Connect Solutions, Udaipur   *April 2025 – Present*
- Working in the SIAA (System Infra and Application Admin) team as the sole DevOps Intern, contributing to server-side management and infrastructure automation.
- Handled real-time requests from development teams for deploying backend services, updating software in various environments (Dev/Test/Prod), and executing SQL queries.
- Managed system-level tasks such as SVN updates, environment configuration, and basic shell scripting for automation.
- Learned and explored tools such as **AWS EC2**, **Prometheus**, **Grafana**, **Docker**, and **Terraform** to enhance infrastructure observability and scalability.
- Actively involved in documenting server activities, backups, and incident logs to support infra audits and reporting.

PROJECTS

Ultimate CI/CD Pipeline
Skills Used: Jenkins, Docker, GitHub, CI/CD Automation, Version Control, Bash Scripting

- Designed and implemented a robust CI/CD pipeline integrating tools like Jenkins, Docker, and GitHub.
- Automated build, test, and deployment processes to ensure seamless software delivery.
- Focused on scalability and version control for enhanced development workflows.
- Improved deployment speed and reliability by integrating automated testing and continuous integration.

Kubernetes End-to-End Deployment on EKS
Skills Used: Kubernetes, AWS EKS, Helm, Docker, Prometheus, Grafana, Cloud Infrastructure, Monitoring

- Deployed a containerized app using Kubernetes on Amazon EKS with Helm charts for simplified release management.
- Integrated Prometheus and Grafana for real-time system and app monitoring.
- Configured autoscaling, optimized resources, and ensured high availability.

TECHNICAL SKILLS

Languages/Tools: Python, Java, Bash, Git, GitHub
DevOps/CI/CD: Jenkins, Ansible, Docker, Kubernetes, Terraform
Cloud & Infra: AWS (EC2, S3, IAM), NGINX, IIS, Linux, Windows
Monitoring: Prometheus, Grafana |
Other: Microservices, Shell Scripting, ML

EDUCATION

B.Tech (Computer Science)   **JULY 2021- JULY 2025**
Sir Padampat Singhania University   Udaipur