Suhail Ahmad Khan

Trainee DevOps Engineer

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🎓 EDUCATION

Bachelor of Technology, CSE
Integral University
08/2019 – 08/2023 | Lucknow

🧠 SKILLS

- AWS Cloud
- Docker
- Terraform
- Ansible
- Jenkins CI/CD
- SQL
- Python
- Communication
- Teamwork

🎸 INTERESTS

- Swimming
- Trekking
- Physical training
- Adventure travel

🧩 SUMMARY

Trainee DevOps Engineer with one year of experience in managing CI/CD pipelines, cloud infrastructure (AWS), and containerization. Skilled in automating processes using Terraform, Ansible. Collaborative, detail-oriented, and focused on optimizing system performance. Ready to contribute technical expertise to streamline IT operations and software delivery.

💼 PROFESSIONAL EXPERIENCE

Trainee DevOps Engineer
Fine-Leap Systems Pvt. Ltd
09/2023 – 08/2024 | Pune

- Designed and maintained CI/CD pipelines using tools like Jenkins automating build, testing, and deployment processes.
- Managed cloud infrastructure (AWS) using Terraform and Ansible, ensuring scalable, cost-effective environments.
- Deployed and monitored containerized applications using Docker and Kubernetes, improving efficiency and reliability.
- Collaborated with development teams to automate testing, integrate DevOps best practices, and streamline workflows.
- Administered version control using GitHub, implementing branching strategies and ensuring code security.
- Automated routine tasks and infrastructure provisioning through scripts, reducing manual intervention and increasing productivity.
- Assisted in troubleshooting production issues, improving system performance, and ensuring minimal downtime.

📁 PROJECTS

CI/CD Pipeline Automation for Web Application

- **Tools Used:** Jenkins, Git, Docker, AWS (EC2, S3), Ansible.
- **Description:** Designed and implemented a CI/CD pipeline for a web application to automate the build, testing, and deployment process. Integrated Jenkins with GitHub for automated code integration and Docker for containerization. Deployed the application to AWS EC2 instances and used Ansible for configuration management. Reduced deployment time by 50% and ensured seamless updates without downtime.

Cloud Cost Optimization and Monitoring

- **Tools Used:** AWS (CloudWatch, Lambda), Python.
- **Description:** Developed automation scripts using AWS Lambda and Python to monitor cloud resources and optimize costs. Implemented CloudWatch for logging and alerting on resource usage anomalies, integrated with Grafana for visualizing cloud metrics. Achieved a 20% reduction in monthly cloud costs by identifying and decommissioning unused resources.