Aniket PATIL

DevOps Engineer

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SUMMARY

- DevOps Engineer with 3+ years of experience in automating infrastructure provisioning using **Terraform** and managing scalable deployments on **AWS** (EC2, VPC, S3, IAM, Load Balancer).
- Skilled in building CI/CD pipelines using **Jenkins**, **Git**, and **Ansible**, with hands-on expertise in writing Jenkinsfiles and Ansible playbooks for consistent and automated deployments.
- Familiar with Docker, Kubernetes, and other DevOps tools through self-learning and labs, with a strong focus on cloud-native practices and infrastructure as code.

EDUCATION

Unnati Highschool, Dhule
10th Std, 2015
80.00%

Jai-Hind Junior College, Dhule
12th Std 2017
75.54%

DY Patil College of Engineering, Pune
B.E – 2021
77.00%

EMPLOYMENT

Cognizant Technology Solution, Associate, Pune   Feb. 2022 - Current

SKILLS

- **Cloud Platforms:** AWS
- **Infrastructure as Code:** Terraform
- **CI/CD Tools:** Jenkins
- **Configuration Management:** Ansible
- **Monitoring:** CloudWatch and CloudTrail
- **Version Control:** Git, GitHub
- **Containerization:** Docker
- **Orchestration:** Kubernetes

PROJECTS

- Automated and managed scalable AWS infrastructure using Terraform, provisioning EC2, VPCs, S3, IAM roles, and Security Groups to support secure and resilient deployments.
- Designed and implemented a CI/CD pipeline using Jenkins, integrating GitHub Webhooks for automated build and deployment of a Python Flask application on EC2 instances behind a Load Balancer.
- Developed parameterized Jenkinsfiles to streamline deployment workflows, enabling dynamic configuration of ports, repositories, and target environments.
- Configured SSH-based deployment from Jenkins to application EC2 servers, ensuring secure and seamless delivery pipelines.
- Leveraged Amazon CloudWatch and CloudTrail for real-time monitoring, custom metrics, alarms, and auditing API activity to enhance system observability and compliance.
- Used Ansible for configuration management and server provisioning, maintaining consistency across environments and reducing manual overhead.
- Gained hands-on experience with Docker and Kubernetes, including containerization and pod lifecycle management usage through self-driven labs and experimentation.
- Collaborated with cross-functional teams using Git for version control, contributing to improved deployment reliability and faster release cycles.