Shivam Jaywant Jagtap

DevOps Engineer

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Professional Summary

A highly motivated DevOps Engineer with 7 months of hands-on experience in automating software development processes, managing cloud infrastructure, and implementing CI/CD pipelines. Proficient in tools such as Docker, Kubernetes, Terraform, Jenkins, and AWS. Successfully contributed to streamlining workflows, enhancing deployment efficiency by 30%, and ensuring system reliability. Skilled in various programming languages including Python, Java, C, and SQL. Proven ability to deliver robust and scalable solutions. Committed to continuous learning and professional development.

Experience

HisanLabs Pvt Ltd

DevOps Engineer Intern   *06/2024 - 01/2025*

- Designed, implemented, and managed CI/CD pipelines using Jenkins, improving deployment frequency by 25%.
- Assisted in the setup, configuration, and management of AWS resources including EC2, S3, and RDS.
- Implemented Infrastructure as Code (IaC) using Terraform, resulting in a 40% reduction in provisioning time.
- Developed, deployed, and managed containerized applications using Docker, ensuring consistency across environments.
- Set up and managed Kubernetes clusters for automated deployment and scaling of applications.
- Configured monitoring tools like CloudWatch to track application performance, leading to a 20% decrease in downtime.
- Utilized Ansible for configuration management to streamline infrastructure operations.
- Created Dockerfiles to build optimized Docker images, enhancing deployment efficiency.
- Configured S3 Buckets with lifecycle policies, versioning, and replication to ensure data durability.
- Enabled VPC Flow Logs for network traffic analysis, improving security measures.
- Established Git best practices for code management, enhancing collaboration and code quality.
- Created domain names in AWS and configured alias records for load balancer DNS names.
- Wrote Kubernetes objects for effective resource management and deployment.
- Provisioned Virtual Private Cloud with public/private subnets and VPC endpoints for secure application hosting.
- Implemented multi-stage Docker builds to optimize image size and performance.
- Provisioned application and networking resources using Terraform, ensuring efficient resource management.

Education

Sinhgad College of Science

M.Sc.   *2022 - 2024*

CGPA: 7.40 / Percentage: 63.95%

Sinhgad College of Science

B.Sc.   *2019 - 2022*

CGPA: 8.73 / Percentage: 83.73%

Skills

- IaaC : Terraform
- Deployment: EKS, Kubernetes
- CICD: Jenkins
- Version Control System: Git
- Others: Linux, Shell scripting

- Cloud Platform: AWS (EC2, S3, ECR, ECS, VPC, EKS, RDS, IAM)
- Containerization: Docker
- Configuration management: Ansible
- Monitoring: Cloudwatch , Prometus, Grafana

Languages

English　　　　　　**Hindi**　　　　　　　**Marathi**