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EDUCATION

Deogiri Institute of Engineering and Management Studies Aurangabad, Maharashtra, India - 431009
B.Tech(Electronics and Telecommunication) 2021-2024

PROJECTS

Two-tier-application-Deployment | *Jenkins, Docker, Helm chart,kubernetes,AWS, EKS, EC2, MySQL, Flaskapp*[link](#)

- Scaled a two-tier application to support 10,000 users with 60% reduction in downtime using AWS EKS.
- Challenge:Deploy a Flask/MySQL application for 10,000 concurrent users while adhering to DevOps best practices for high availability and fault tolerance.
- Solution: a)Containerized with Docker & Docker Compose: Packaged the application and its dependencies into reusable containers for portability and efficient resource management. b)Automated Kubernetes Deployments: Leveraged Kubeadm for the initial cluster setup and then transitioned to AWS EKS with eksctl for streamlined deployments and managed infrastructure.

Netflix-Clone | *jenkins,docker,prometheus,grafana,ArgoCD,AWS,EKS,EC2*

[link](#)

- Developed and deployed a Netflix clone application using a fully automated CI/CD pipeline with Jenkins and ArgoCD. Leveraged Prometheus and Grafana for comprehensive monitoring and optimized resource utilization with AWS, EC2, EKS, and Kubernetes. (Reduced deployment time by 20%)
- Led the development and deployment of a Netflix clone application using modern DevOps practices. Designed and implemented a CI/CD pipeline with Jenkins for automated builds, testing, and deployments. Utilized ArgoCD for GitOps-based deployments on a Kubernetes cluster managed by EKS on AWS. Additionally, integrated Prometheus and Grafana for real-time monitoring and performance optimization, ensuring scalability and reliability.

Deploy the official webpage for IETE DIEMS | *Git Actions,Git Lab*

[link](#)

- Successfully led deployment of the IETE College website, delivering an intuitive and dynamic online platform that enhanced communication and accessibility for students, faculty, and stakeholders.
- Used Github automation for continuous deployment of the build to implement a faster development and deployment cycle

ACHIEVEMENT

Red Hat Certified System Administrator(RHCSA)

- Demonstrated a strong understanding of Linux system administration through Red Hat's RHCSA certification. Possesses skills in command line, file and process management, network configuration, and security. Eager to apply these skills to automate infrastructure and contribute to DevOps practices
- Successfully applied RHCSA skills in a personal project to automate server provisioning using Ansible, which reduced server deployment time by 30%.
- Implemented enhanced security measures on a server infrastructure based on RHCSA security best practices, which hardened the system against potential attacks.

TECHNICAL SKILLS

Cloud: AWS (Amazon EC2, AWS Lambda, Amazon ECS, AWS Fargate, Glacier, RDS, DynamoDB, VPC, Route 53, Elastic Load Balancing, IAM, CloudWatch, ECR, ECS)

Languages: Python

DevOps and Automation: Jenkins, Docker, Kubernetes, Terraform, GitHub, Git Actions, GitLab, AWS DevOps, Helm chart, Ansible

Server Administration: Linux, Windows,(Suse, Ubuntu, redhat enterprises, rockylinux,)

Database Management: MySQL, PostgreSQL