TEJAS SANJAY MANE

AWS/Azure DevOps Engineer| Site Reliability Engineer

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DevOps Engineer with hands-on experience in automating CI/CD pipelines using Docker, Kubernetes, and AWS. Skilled in cloud infrastructure and infrastructure-as-code with Terraform. Completed projects improving system efficiency by 30%.

EDUCATION

Master of Computer Application
Bharati Vidyapeeth institute of management
📅 Aug 2022 - May 2024   📍 Kolhapur
CGPA 9.3/10

Bachelor of Computer Application
Bharati Vidyapeeth institute of management
📅 Aug 2019 - May 2022   📍 Kolhapur
CGPA 9.03/10

PROJECTS

Terraform Three-Tier Architecture (IAC Project)
Tools Used: Terraform, Jenkins, GitHub

- Automated provisioning of a three-tier architecture on AWS using Terraform, streamlining deployment processes and improving infrastructure scalability.
- Decreased setup time by 40% by integrating the provisioning pipeline with Jenkins, resulting in faster and more reliable deployments.
- Enabled automated scaling and efficient resource management, reducing manual interventions in the deployment lifecycle.

ArgoCD and kOps for Kubernetes on AWS
Tools Used: Kubernetes, ArgoCD, kOps, AWS, GitHub

- Managed Kubernetes clusters on AWS with kOps, applying GitOps principles through ArgoCD for continuous, automated application deployments.
- Reduced manual intervention by 25% by automating the deployment pipeline, which led to consistent, reliable releases.
- Improved cluster management with Kubernetes orchestration, leveraging autoscaling to increase performance and minimize downtime during high demand.

ELK Stack Deployment on AWS
Tools Used: ELK Stack, Filebeat, EC2

- Deployed the ELK stack (Elasticsearch, Logstash, Kibana, Filebeat) on AWS EC2 instances.
- Integrated AWS CloudWatch and ELK Stack, enabling unified monitoring and alerting.
- Outcome: Enhanced monitoring and data visibility for system performance.

SKILLS

DevOps Tools
Git, GitHub, Jenkins, Maven, Nexus, SonarQube, Ansible, Docker, Kubernetes, Prometheus, Grafana, Helm, ArgoCD, Terraform, OpenTofu

AWS
EC2, S3, RDS, VPC, Route53, Load Balancing, Auto Scaling, CloudFormation, Lambda, EKS

Azure
Virtual Machines, Blob Storage, Azure DevOps, Azure Kubernetes Service (AKS)

Containerization & Orchestration
Docker, Kubernetes, kOps

Monitoring & Logging
Prometheus, Grafana, ELK Stack

Infrastructure as Code
Prometheus, Grafana, ELK Stack

Version Control
Git, GitHub, GitLab

Frontend Technologies
JavaScript, React, Next.js, Tailwind

CERTIFICATIONS

AWS Cloud Technical Essentials
AWS & Coursera   July 2024

Java Programming
NPTEL   Sep2023

LANGUAGES

English	**Hindi**	**Marathi**
Fluent	Fluent	Native

ACHIEVEMENTS

🏆 **DeBugging Competition**

🏆 **Aptitude Competition**