

DEEPAK PATEL

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PROFESSIONAL SUMMARY

Enthusiastic DevOps Engineer with a solid foundation in AWS services, infrastructure automation , and CI/CD pipeline development. Skilled in deploying scalable cloud-native applications, container orchestration with Kubernetes, and implementing Infrastructure as Code practices. Passionate about optimizing software delivery processes through continuous integration, automation, and proactive problem-solving.

EDUCATION

Thakur Institute Of Management Studies, Career Development & Research
Master of Computer Application, (Pursuing)

Kandivali , Mumbai
Jun 2024 – Apr 2026

Anna Leela College of Commerce And Economics
Bachelor of Science in Information Technology, (CGPA- 7.9)

Kurla , Mumbai
Jun 2021 – Apr 2024

EXPERIENCE

Magic Bus India Foundation
AWS Re/start Program Graduate (Cloud Intern)

On site
June 2024 – Sept 2024

🔗 [Certificate link](#)

- Implemented AWS services for multiple real-world projects.
- Designed and deployed scalable AWS cloud architectures.
- Containerized applications using Docker and Kubernetes for enhanced scalability.
- Learned and applied Infrastructure as Code (IaC) practices using Terraform and Ansible.

TECHNICAL SKILLS

Cloud Services	AWS (EC2, EKS, S3, CodePipeline, IAM,VPC)
Containerization & Orchestration	Docker, Kubernetes, ArgoCD
CI/CD & Automation	Jenkins, GitLab, AWS CodePipeline
Infrastructure as a Code	Terraform , Ansible
Security & Compliance	Trivy, AWS Security Group management
Monitoring & Observability	Prometheus, Grafana
Version Control	Git, GitHub
Programming Languages	Python, Bash, HCL
Operating Systems	Linux (ubuntu)

PROJECTS

Deployed Gemini application on GCP

🔗 [GitHub Repository](#)

- Built a robust CI/CD pipeline using Jenkins to automate the process.
- Implemented GitOps workflow using ArgoCD, enabling continuous deployments from GitHub to the Kubernetes cluster.
- Integrated Gemini AI APIs with secure OAuth 2.0 authentication, ensuring controlled and secure access to AI functionalities.
- Orchestrated cloud-native deployments on Kubernetes to achieve scalable, resilient, and containerized application infrastructure.

Flask-Web-App Deployment

🔗 [GitHub Repository](#)

- Demonstrates the implementation of a CI/CD pipeline for deploying a two-tier application
- The Process is fully automated using Jenkins , docker and github webhooks.
- The pipeline follow DevSecOps with security checks via trivy image scan
- Project ensure continuous integration, continuous delivery and security throughout the software delivery lifecycle

CERTIFICATIONS

AWS Cloud Practitioner

🔗 [Certificate Link](#)

ACTIVE LEARNING

- Preparing for Certified Kubernetes Administrator (CKA) Certification.
- Pursuing In-Depth Learning in DevOps with multiple tools and their concepts.

RESPONSIBILITIES & ACTIVITIES

National Service Scheme (NSS)

July 2021 – April 2023

- Develop Teamwork , Leadership and organization skills through participations in various program
- Activity Contributed to awarness campagins and social welfare activities including 7 days workshop of NSS Camp

Social Service (DLLE)

July 2024 – present

- Took part in college fest planning, handled event , and led student volunteers to ensure Smooth execution.
- Participated in environmental initiatives such as tree plantation drives, promoting sustainability and ecological responsibility.

PERSONAL DETAILS

Date of Birth : 02 Jan 2004

Languages : English , Hindi , Marathi

Address : Chembur , Mumbai , Maharastra