Mr.Karan Kolhe

Aspiring DevOps Engineer | AWS | Automation |
Linux,git, jenkins, ansible, Docker,Kubernets|

Nashik,Maharashtra
karankolhe099@gmail.com
linkedin.com/in/karan-kolhe-87b4a81b6
https://github.com/Karankolhe12
+91-7249077727

Project

Java DevOps Pipeline Automation

- Goal - Develop and implement a DevOps pipeline for Java-based application.
- Process - Automated code integration, testing, and deployment using Git,GitHub, Jenkins, Maven, Ansible, Docker, Dockerhub, and Kubernetes.
- Feature - Streamlined CI/CD process to enhance efficiency and scalability.

Skills Developed: Jenkins, Docker, Kubernetes, Git, Github,Ansible, Maven

AWS Infrastructure Automation with Terraform.

- Goal - Automate AWS infrastructure provisioning with Terraform for efficiency and consistency.
- Process - Implement VPC, subnets, internet gateway, security groups, S3 bucket, and EC2 instances using Terraform scripts.
- Feature - Achieve scalability, security, and high availability with load balancing via ALB for optimal web traffic distribution.

Skills Developed: AWS, DevOps, Terraform

Two-Tier Application Deployment in kubernetes cluster.

- Goal - Deployed a two-tier web application on a Kubernetes cluster.
- Process - Utilized Flask, MySQL, Docker, Docker Hub, Kubernetes, HELM,and AWS EKS.
- Feature - Demonstrated adeptness in architecting and managing modern infrastructure, ensuring high availability.

Skills Developed: Flask, MySQL, Docker, Dockerfile, Kubernetes,AWS

Three-Tier Application Deployment in kubernetes cluster.

- Goal -Orchestrated deployment of three-tier web application on Amazon EKS.
- Process - Set up EKS cluster, launched EC2 instances, and deployed MongoDB for data storage.
- Feature - Demonstrated proficiency in cloud infrastructure management and Kubernetes deployment.

Skills Developed: AWS, Amazon EKS,MongoDB.

SecureCloud Deploy: AWS Web Application Deployment

- Goal - Deploy a secure and scalable web application on AWS.
- Process - Integrate GitHub version control, IAM permissions, load balancing, security groups, and CloudFront for global access.
- Feature - Demonstrate expertise in AWS, security, and global deployment

Skills Developed: AWS,IAM,CDN

Skills

AWS :-
ec2 | VPC | S3 | EBS | EFS | EKS | IAM route 53 |
Load balancing | Autoscaling Cloudfront | Amazon ML

DevOps :-
Git | Github | Jenkins | Ansible | Docker | Dockerhub |
Kubernetes | Terraform(intermediate)

Database Management :-
MySQL, Amazon RDS

Operating system :-
Window | Linux |

Certification

- NASSCOM certified AWS cloud practioner
- IBM - Containers and kubernetes essentials
- IBM - Docker essentials

Education

Sandip university Nashik   (2022-2024)
    MCA :- 8.90 C.G.P.A
Deogiri college Aurangabad   (2019-2022)
    B.sc :- 7.6 C.G.P.A
Nutan college selu   (2017-2019)
    12th (sci) :- 74.95%
Shantabai school kasapuri   (2016-2017)
    10th :- 88%

Achievements

class Topper: Achieved the position of class topper in both Class X (10th grade) and MCA (Master in Computer Application) program,demonstrating consistent academic excellence and dedication to learning.