Mr.Karan Kolhe

Passionate about continuous learning and emerging cloud technologies, I ensure efficient, secure deployment of scalable applications. Eager to collaborate and drive success through effective cloud technologies and DevOps

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Project

Java DevOps Pipeline Automation. 洣

july 2023

- 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

Cloud Gaming Architect: Orchestrating Super Mario on AWS EKS with Terraform. 洣 Jan 2024

- Goal: deploy Super Mario on Amazon's EKS, demonstrating the power of Kubernetes for scalability and reliability, while sharing knowledge with the community.
- Process:Set up AWS environment, provision Kubernetes cluster with Terraform, deploy Super Mario on EKS
- Feature: Automated deployment of Super Mario on AWS EKS using Terraform for scalability, reliability, and cost-effective management

Skills Developed: AWS, DevOps, Terraform

Two-Tier Application Deployment in kubernetes cluster. 洣 Oct 2023

- 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. 洣 Des 2023

- 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. 洣 Jan 2024

- 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 :-
VPC,EC2,S3 route 53,Cloudfront,Elastic Load Balancing,Amazone EBS,EFS,EKS,RDS,IAM,NACL,SQS ,SNS,EFS, lamda,EKS,ECS,Amazone machine learning,

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

Database Management :-
MySQL, Amazon RDS

Operating system :- Window , Linux
Programing language :- Python

Soft skills :-

- Excellent interpersonal communication skills, both verbal and written
- Strong problem-solving and troubleshooting abilities
- Ability to multi-task, prioritize, and manage time efficiently
- Ability to handle stress and pay attention to detail
- Passionate about learning new technology

Certification

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

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%

Workshop

AWS cloud Practitioner Jan 2024

- Participated in Future Skill Company's AWS Cloud Practitioner workshop, mastering foundational AWS concepts and cloud computing principles

AI Tools & ChatGPT Workshop Feb 2024

- Workshop covers rapid research and report writing, lightning-fast presentation creation, AI-driven coding for beginners, automated Excel formula usage, and LinkedIn tools for career advancement.