

Abhay Maurya

DevOps Engineer

+91 9326344207

@ abhaymaurya181@gmail.com

https://www.linkedin.com/in/abhay-maurya-8b7b3b1a9 Mumbai, India

SUMMARY

Dedicated B.Tech student with a strong interest in DevOps and Cloud technologies. Proven track record in successful projects. Seeking internship and eager to contribute innovative solutions to drive organizational success.

EXPERIENCE

Teaching Assistant for Data Science and Machine Learning

Codiing Ninjas

01/2023 - 04/2023 Remote

https://drive.google.com/file/d/1OUgQ7nZU1aHLa2UZ7t8T_4KS2e6LpmIM/view?usp=sharing

Coding Ninjas teaches 17+ Programming courses in Foundation, Advanced, Data & Development courses such as Machine Learning, Data Science, Web Development, Android and more.

- Guiding Students in Projects and Assignment.
- Solving Doubts and Clarifying Concepts.
- Evaluate all the projects assigned to me.

AIML Intern

Vline Infotech

01/2023 - 04/2023 Remote

https://drive.google.com/file/d/1O6_0bSHVd_elb6knUTqSoa2Vd8cLvBQo/view?usp=sharing

VLine InfoTech is a Imaging Software Development firm with expertise in Image based Processing & Documents Management.

- Learn AIML concepts, algorithms, and tools.
- Develop AIML models using TensorFlow, PyTorch, and OpenCV.
- Test and evaluate AIML models for accuracy and efficiency.
- Collaborate with team, attend meetings, and document work.

PROJECTS

Cloud-Native Application Deployment on AWS Elastic Kubernetes Cluster

https://github.com/AbhayGRT/Cloud-Native-Monitoring-Application/blob/main/README.md

Successfully deployed Flask Monitoring Application in AWS-managed Kubernetes Cluster, enabling real-time monitoring of cluster health through CPU and Memory utilization gauges.

- This project involves deploying a Flask Monitoring Application in a Kubernetes cluster.
- The application utilizes Amazon ECS to store the Docker image and Amazon EKS for managing the Kubernetes cluster.
- It provides CPU and Memory utilization gauges for monitoring the cluster's health.
- Services include : Docker, Kubernetes, AWS, Flask

AWS Kubernetes Cluster Management for Django and React Application

https://github.com/AbhayGRT/WS-K8s-Django-React-75-Downtime-Reduction

Achieved 75% downtime reduction on production environments by setting up and managing a Kubernetes cluster on AWS from scratch, deploying Django and React applications with Docker containers, and implementing auto scaling and auto healing for enhanced performance and resilience.

- Built Kubernetes Cluster on AWS from Scratch with Minikube
- Setup and Managed Docker Containers for Django and React Applications into Kubernetes Pods.
- Managed Deployment, Replication, Autohealing, auto scaling for Kubernetes Cluster.
- Managed network and Services with Host IP allocation through Proxy on AWS EC2 and Route53
- Achievement: Reduced Downtime by 75% on Production Environments.

EDUCATION

B.tech in Artificial Intelligence and Machine Learning

Thakur College of Engineering and Technology

2020 - Present Mumbai, India

SKILLS

Linux Git/Github Docker Kubernetes Ansible Jenkins Terraform Prometheus AWS