

Rushikesh Mashidkar

DevOps Engineer

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🌐 <https://github.com/RishikeshOps> 📍 Pune, Maharashtra

👤 Profile

- Recent graduate with Hands-on experience in DevOps, Linux, AWS, and automation tools.
- Skilled in implementing CI/CD pipelines using Jenkins, managing AWS infrastructure, and using tools such as Ansible, Kubernetes, and Terraform.
- Strong understanding of software development and infrastructure management
- Passionate about continuous learning and growth in a dynamic team.

📁 Projects

NodeJS HTTP API application on AWS using Serverless framework:

03-2023 – present

- Deployed a NodeJS HTTP API application using serverless framework.
- Implemented FAAS by using AWS Lambda functions which are triggered by HTTP requests.
- Utilized API gateway which routes each request to the appropriate function based on its path and method(GET, POST, PUT).
- Enabled interaction with AWS DynamoDB as Database of the application. Utilized Postman for API testing.

Automating Deployment of a Reddit-Clone Application on AWS EKS with Terraform 📄

02-2023 – present

- In the 'Deploying Reddit-Clone on EKS using Terraform' project, I utilized a variety of tools and technologies to deploy a Reddit-clone application on Amazon Web Services' Elastic Kubernetes Service (EKS).
- This included writing Dockerfiles to containerize the application and Kubernetes deployment files to define how the application should be deployed on the EKS cluster.
- I then used Terraform to automate the provisioning and management of the EKS cluster and deployment of the application.
- This project resulted in a scalable and reliable deployment of the Reddit-clone application on AWS EKS.

Building and Managing a Scalable and Reliable Kubernetes Cluster on AWS for Deploying a Django and React (To-Do) Application 📄

01-2023 – 01-2023

- Built and managed a Kubernetes cluster on AWS from scratch, using Minikube to create a highly reliable and scalable platform for deploying a Django and React application.
- Utilized Docker containers to package the application and managed the deployment, replication, and auto scaling of the containers in the Kubernetes cluster.
- Implemented network and service management strategies to ensure the efficient and seamless operation of the application, resulting in improved efficiency and reliability.

🧠 Skills

Amazon Web Service(AWS)

EC2, VPC, VPC Peering, S3, IAM, SNS, VPC Peering, ELB, Auto Scaling, RDS, EBS, Cloud Watch, ACM, KMS, Route-53, API Gateway, CloudFormation, Serverless, Lambda.

Kubernetes

Infrastructure as Code, Terraform

Jenkins

Docker

Docker-Compose

Docker Swarm

Linux

Ubuntu, RHEL, CentOS

Grafana, Prometheus

Bash and Shell

Git

Branching strategy and merging, resolving merge conflicts, rebasing, cherry-picking

GitHub

GitHub Actions

Tomcat, Apache, Nginx

🌐 Languages

English

Hindi

Marathi

🎓 Education

B.Com (Information Technology)

Gondwana University

2019 – 2022 | Chandrapur, India

🔑 Interests

DevOps

Cloud

Learning and staying up-to-date with new technologies