# 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 Redditclone 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

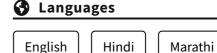
**Bash and Shell** 

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

**GitHub** 

**GitHub Actions** 

Tomcat, Apache, Nginx



## Education

#### **B.Com** (Information Technology)

Gondwana University 2019 - 2022 | Chandrapur, India

# Interests

DevOps Cloud

Learning and staying up-to-date with new technologies