



Ritik

DevOps Engineer

Profile

I am Ritik, a skilled **DevOps Engineer** With expertise in cloud computing, Kubernetes, Docker, and automation tools, I deliver streamlined solutions. I have experience with AWS, Terraform, and Ansible, optimizing infrastructure and cost savings. I am also familiar with REST APIs and continuously working on ambitious DevOps projects, driving innovation and digital transformation.

Employment History

DevOps Engineer at Aesthisia DataCenters, Gurgaon

September 2022 — Present

As a **DevOps Engineer** at **Aesthisia DataCenters**, I excel at cloud infrastructure and automation tools like AWS, Kubernetes, Docker, Jenkins, GitHub Actions, Terraform, Ansible, and virtualization. I've implemented complex solutions with Amazon EKS, Amazon ECS, Networking, Linux, Elastic Stack, Ubuntu, VMware ESXi, and Hyper-V, always optimizing for cost savings and resource utilization.

Education

BCA (Bachelor of Computer Applications), Glocal University, Saharanpur, U.P

2019 — 2022

Internships

Cloud Support Engineer at NIELIT, Delhi

April 2022 — September 2022

assignments for students related to cloud solution architecture course and provided them with their own virtual machines using VMware ESXI on the NIELIT server. I also assisted them with maintaining their machines, whether they encountered any issues with SSH or package installations

Project

ThinkDiffusion,

March 2023 — Present

In the ThinkDiffusion project, **I have created all the REST APIs using Python 3 and Flask, as well as utilized Boto3**. It includes tasks such as creating instances, deleting instances, changing the state of instances, **cron jobs**, and implementing basic **Linux shell** scripts for automating certain processes. Additionally, I have also used Terraform for creating instances. which is based on **Stable Diffusion** AI. It generates images based on txt2img, img2img, and more.

website:- <https://www.thinkdiffusion.com>

Details

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Links

[Linkedin](#)

[GitHub](#)

[Portfolio](#)

Skills

AWS

Docker

Kubernetes

Jenkins

Linux

Ansible

Terraform

Python

Git

GitHub Action

Virtualization VMware ESXI,Hyper

Python Flask REST API

Postman

CircleCI

Hobbies

Creating home automation systems and building IoT devices in my free time. Passionate about exploring new technologies and creating custom solutions to automate everyday tasks (CI/CD) I'm sharing my knowledge on [YouTube](#) Creating tech videos

QREATE AI

January 2023 — February 2023

QREATE AI - I managed the **QREATE** project from beginning to end, and I personally developed the autoscaling, load balancing, and all APIs using Python Flask. The project was a stable diffusion-based solution, where users could create a QR code by uploading their photo.

Website URL :- qreate.ai

Exopods

October 2022 — December 2022

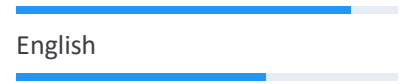
Exopods - I have developed REST APIs for Exopods, and I deployed its second version on Kubernetes, along with setting up ingress and autocalling using spot instances. Exopods is a tool that enables you to host your Docker images free of cost. The first version of Exopods was open source, and I created its APIs using Python 3 and Flask.

Website URL :- exopods.run

Languages

Hindi

English



🎓 Courses

Bridge Course Of Cloud Solution Architect, Nasscom, CDAC

2022— 2022

O Level, NIELIT

February 2021 — March 2022