

Akshay Rathod

Junior DevOps Engineer

Aspiring DevOps Engineer with 0.9 year of hands-on experience in DevOps and software development, including significant exposure to DevOps methodologies and tools. Skilled at designing, building, and deploying scalable solutions. Eager to transition into a DevOps role and contribute to innovative projects in dynamic environments..

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📍 Mumbai, India

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📞 8080191952

💻 devdock.linkpc.net

🐙 github.com/Akshay771

WORK EXPERIENCE

Junior DevOps Engineer CodeArray Technologies

12/2022 - 08/2023

Mumbai, India

Roles and Responsibilities

- Collaborated with the team on **production setup**, optimizing backend operations for API, task distribution, message queuing, database and traffic management.
- Managed **deployment** and upkeep of individual apps and services on **Google Kubernetes Engine** and **Cloud Run**.
- Implemented Cloud Build's **CI/CD pipeline**, reducing deployment time by **50%** through automated build and deployment.
- Integrated **Cloud CDN** for optimizing static content, resulting in a **45%** performance boost and enhancing UX.
- **Automated** cloud tasks with Python scripting for operational efficiency and **documentations**.
- Utilized Docker and Kubernetes for application **containerization** and **orchestration**.

PERSONAL PROJECTS

CrossCluster Route: Multi-Cluster Ingress (12/2023 - 01/2024)

- Developed a multi-cluster ingress solution leveraging Google Kubernetes Engine to efficiently load balance traffic among multiple clusters based on user proximity.
- Route incoming traffic to the nearest GKE cluster based on user location for improved latency and performance.

DevDock (11/2023 - 01/2024)

- Developed and deployed a personal portfolio website, leveraging Flask for the backend and HTML, CSS, and JavaScript for UI.
- Hosted the frontend on GCP's Cloud Run and the backend on GKE, implementing SSL and domain mappings for security.
- Additionally, optimized system functionality with Nginx, MongoDB, Celery, and RabbitMQ.

EDUCATION

Bachelor of Science - Information Technology

University of Mumbai

06/2017 - 11/2020

CGPI: 6.9

Higher Secondary Education (XII - Science) Maharashtra State Board

07/2015 - 05/2017

Percentage: 65%

TECHNICAL SKILLS

Python

Docker

Kubernetes

CICD

GKE

Linux

Git

Google Cloud Platform

Github

Amazon Web Services

Jenkins

Scripting

CERTIFICATES

Introduction to Containers, Kubernetes, and OpenShift
V2 - IBM (02/2024 - 02/2024)

Docker Essentials: A Developer Introduction - IBM
(02/2024 - 02/2024)

Docker Training Course for the Absolute - KodeKloud
(10/2023 - 10/2023)

DevOps Pre-Requisite Course - KodeKloud
(09/2023 - 09/2023)

Python Programming - Quastech (Mumbai)
(02/2022 - 06/2022)

ORGANIZATIONS

CodeArray Technologies (12/2022 - 08/2023)

Junior DevOps Engineer

LANGUAGES

Hindi

Full Professional Proficiency

English

Professional Working Proficiency

Marathi

Professional Working Proficiency

INTERESTS

Car and Motorcycle enthusiast

Gadget Geek

Cricket