Akshay Rathod

Junior DevOps Engineer

Highly motivated junior DevOps engineer with up to 1 year of hands-on experience. Skilled at designing, building, and deploying scalable solutions with expertise in DevOps methodologies and tools. Eager to tackle new challenges in dynamic environments and contribute to innovative projects.

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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 management, and traffic.
- 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 using Python scripting to optimize operational efficiency.
- Created and maintained system documentation, as well as backup and recovery procedures.

PERSONAL PROJECTS

DevDock (11/2023 - Present)
- Created and launched a personal portfolio website, leveraging Flask for the backend and HTML, CSS, and JavaScript for the frontend.
- 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.

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.

EDUCATION

Bachelor of Science - Information Technology
University of Mumbai

06/2017 - 10/2020   *CGPI: 6.9*

Higher Secondary Education (XII - Science)
Maharashtra State Board

07/2015 - 05/2017   *65%*

TECHNICAL SKILLS

Python   Docker   Kubernetes   Jenkins   GKE
Linux   Git   Google Cloud Platform   Github
AWS - S3   AWS - EC2   AWS - IAM   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)
Software Developer

LANGUAGES

Hindi
Native or Bilingual Proficiency

English
Professional Working Proficiency

Marathi
Professional Working Proficiency

INTERESTS

Car and Motorcycle enthusiast   Gadget Geek