Akshay Rathod

Software Developer

Highly motivated software developer with a strong background in REST API development and up to 1 year of hands-on experience. Skilled at designing, building, and deploying scalable solutions, coupled with expertise in DevOps methodologies and tools. Passionate about software development and eager to tackle new challenges in dynamic environments.

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WORK EXPERIENCE

Software Developer
CodeArray Technologies

12/2022 - 08/2023   *Mumbai, India*

Roles and Responsibilities

- Designed and developed **RESTful APIs** using Python's **Flask** framework, adhering to industry best practices and standards.
- **Collaborated** with team members to set up a project infrastructure on Google Cloud Platform for **production**.
- Utilized **Docker** and **Kubernetes** for containerization of application and regular **Deployment.**
- Implemented **Cloud CDN** for optimizing static content, resulting in a **45**% performance boost and significantly enhancing UX.
- **Automated** cloud tasks using Python scripting to optimize operational efficiency.

PERSONAL PROJECTS

DevDock (11/2023 - 01/2024)
- **Developed** and **deployed** a personal portfolio website utilizing Flask for the backend and **HTML**, **CSS**, and **JavaScript** for the frontend.
- Hosted the frontend on GCP's **Cloud Run** and the backend on **Google Kubernets Engine (GKE)** and implemented **SSL** and **domain** mappings.
- Implemented **Nginx**, **Celery**, and **RabbitMQ** to enhance the functionality and performance of the system.
- Set up **CI/CD** pipelines for seamless deployment and updates of both frontend and backend components.

EDUCATION

Bachelor of Science - Information Technology
University of Mumbai

06/2017 - 10/2020   *CGPA: 6.7*

Higher Secondary Education (Science) - XII
Maharashtra State Board

07/2015 - 05/2017   *65%*

Secondary Education - X
Maharashtra State Board

06/2014 - 06/2015   *80%*

TECHNICAL SKILLS

Python · Docker · Javascript · Flask · GCP · GKE · Linux · REST API · Kubernetes · S3 · EC2 · IAM · CICD · Github · Git · MongoDB

ACHIEVEMENTS

Achievement Name

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