

Sumit Dethe

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I am a DevOps & CloudOps Engineer skilled in **GitOps, Kubernetes, Docker, Helm, Terraform, and Jenkins**. With a focus on optimizing Cloud Infrastructure, I excel in crafting efficient CI/CD pipelines and implementing infrastructure as code with **Terraform**. My expertise spans AWS and GCP, where I leverage the platform's services to architect reliable and scalable solutions aligned with best practices.

TECHNICAL SKILLS

Tools : Jenkins, Terraform, Github Actions, Kubernetes, Docker, Gitops
Cloud and os : Google Cloud Platform, Ubuntu
Languages : Java, Python, JavaScript

EXPERIENCE

Jr. Associate Software Engineer

Unthinkable Solutions

Oct 2023 – Present

Gurugram

- Designed and implemented a robust environment on Google Kubernetes Engine (GKE) for hosting microservices architecture, Established Continuous Integration/Continuous Deployment (CI/CD) pipelines using Jenkins for automating the deployment process.
- Configured and managed Elasticsearch and Redis services on GKE for efficient data storage and retrieval. Orchestrated PostgreSQL database instances to support the application's data persistence needs in the GKE environment.
- Architected a serverless solution using Google Cloud Run for executing microservices, optimizing scalability and cost-effectiveness. And GitOps for CICD and Source code management
- Utilized Google Cloud Storage buckets to store static assets for frontend applications, ensuring efficient content delivery. Implemented infrastructure as code (IaC) using Terraform for provisioning and managing cloud resources, enhancing scalability and maintainability.
- Spearheaded the creation of a cost-efficient development environment utilizing two virtual machines, one hosting PostgreSQL, Elasticsearch, and Redis, and the other leveraging Minikube for Kubernetes environment. Developed CI/CD pipelines for code hosted on Bitbucket, ensuring seamless integration and deployment processes.
- Collaborated with cross-functional teams to streamline development operations and improve overall system reliability and performance.

Open Source Contributor

Hack2Skill

Jul 2023 – Aug 2023

Remote

- Contributed to **IBM/JTopen** project by adding type safety. Implemented a solution that returned QueuedmessageEnumeration, ensuring a safer and more efficient messaging system within the project. Collaborated with developers and contributed to documentation. **Codecademy/docs** repository. Participated in code reviews, providing valuable feedback and suggestions for improvement.

PROJECTS

Project 1 : WebPageBrief (Chrome Extension)

Javascript, Express js, HTML, CSS

[Source Code](#)

- This Chrome extension serves as a powerful tool for effortlessly Summarizing and extracting Major points from any Webpage. It Uses OpenAI **GPT-3.5 Turbo** model's Api
- The aim of this Extension is to address the common challenge of information overload on the web. With the ability to extract major points and key information from lengthy articles and websites, users can save valuable time and make more informed decisions.

EDUCATION

RGPV

B.Tech

Aug 2019 – May 2022