Vikash Kumar

DevOps & Cloud

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SKILLS

Amazon Web Services

Docker

Kubernetes (K8s)

Terraform, CloudFormation

Jenkins

Google Cloud

Nginx, Tomcat, Apache

Ansible

Git&Github

DevOps

Helm, Yaml, Json

NagiOS

Linux (Ubuntu, CentOS, RHEL, Debian)

Python

Java, C++

Sonarqube

Jira

Shell Scripting

EC2, S3

AWS lambda

Helm Chart

AWS IAM

PROJECTS

Django Application - Automation With Auto healing , Auto scaling Capability
(Sep 2022 - Sep 2022)

Jenkins | Docker | Kubernetes | AWS EC2 | GitHub Webhooks

- Built the CICD Pipeline of a Django Application with Jenkins.
- Built **Kubernetes Cluster** on **AWS** from Scratch With **Minikube**.
- Set up and managed **Docker Containers** for Django Applications in **Kubernetes Pods**.
- Managed **deployment**, **replication, auto-healing, auto-scaling** for **Kubernetes Cluster**.
- Managed **network and services** with **Host IP allocation**.
- Reduce Downtime by 75% using K8s.

NodeJS Application - Automation Project |
(Dec 2022)

Jenkins | AWS EC2 | Node.js | Docker | Kubernetes | SSH keys| Github Webhooks|

- The **AWS EC2** machine was used to **deploy** the **Node.js application**.
- A **real-time CICD** pipeline was integrated with GitHub using **GitHub Webhooks**, using **Jenkins**. -The code was Deployed in **Docker Containers** For **Orchastration** which was done by **MiniKube**.
- A Jenkins trigger was used to **immediately** pull the code in the event of modification.

EXPERIENCE

Google Cloud, India
(Apr 2022 - Jun 2022)

Google Cloud Ready Facilitator Program - Student

-The Google Cloud Facilitator Program is **2-months-long program** organized by **Google Cloud India** & **Qwiklabs**.

- During the program, I gained hands-on experience with many **GCP** services such as **Compute Engine**, **Cloud Function** and **Cloud Storage** offered by **GCP**.
- I completed **30 Quest Badge Labs** and **15 Skill Badge Labs** and Achieved the _Ultimate Milestone_.

EDUCATION

Rajiv Academy For Technology And Management, Mathura
(Jul 2019 - Aug 2022)

Percentage : 75%

Bachelor of Computer Application (BCA), Computer Science & Information Technology

CERTIFICATIONS

Docker Essentials: A Developer Introduction
(Jan 2023)

IBM

🔗 bit.ly/3JvQtyd

The AWS course
(Jan 2023)

Eduonix

🔗 bit.ly/3JAkBIM

DevOps on AWS: Code, Build, and Test
(Feb 2023)

Coursera

🔗 http://bit.ly/3jK2xRR

ACHIEVEMENTS

Ultimate milestone achiever in Google Cloud Ready Facilitator Program