

# Tushar Rajpoot

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## LINKS

Github:// **tush-tr**  
LinkedIn:// **tushar-r-849510116**  
YouTube:// **kubekode**  
Twitter:// **@tush-tr604**

## CERTIFICATIONS

Hackerrank Skill Certifications  
Python, Docker, k8s by IBM

## SKILLS

### PROGRAMMING

Python • Javascript • Golang

### GOOGLE CLOUD

GCE, GKE, GCR, App Engine, Cloudrun,  
IAM, Storage, Big Query

### AWS

EC2, ECR, S3, Beanstalk

### CI/CD

Jenkins • GitHub Actions • ArgoCD

### IAC

Terraform • Pulumi • Cloudformation

### CONTAINERIZATION

Docker • Kubernetes

### DEVELOPMENT

Reactjs • Nodejs

### DATABASES

MySQL • MongoDB

### OTHERS

Git • Linux • Hashicorp Vault

## EXPERIENCE

### HCL TECHNOLOGIES LTD. | SOFTWARE ENGINEER

March 2021 - Present | Noida, IN

**Tech:** Nodejs, Python, GitHub Actions, Docker, Kubernetes, Terraform, GCP.

- Collaborated with development teams to gather requirements, design, and develop custom tools and utilities using **Node.js, terraform, and GitHub Actions**, further automating routine tasks and improving productivity.
- Leveraged **GitHub Actions** to orchestrate and automate CI/CD pipelines, enabling seamless integration(**Sonar, Splunk, Blackduck, Polaris**), testing, and deployment of code changes across environments on **Google Cloud Platform**.
- Implemented infrastructure-as-code using **Terraform**, allowing for scalable and reproducible infrastructure deployments on **Google Cloud Platform (GCP)**.
- Implemented secure integration of **Hashicorp Vault** with **Node.js** backend applications, allowing for secure retrieval of secrets during runtime using the Google Auth method.
- Implemented secure and efficient secrets management using **Hashicorp Vault** in CI/CD pipelines.
- Developed custom automation frameworks combining technologies such as **Terraform, Node.js, and GitHub Actions** to automate manual tasks and reduce human error. For example, **Cloud Schedulers Automation, Big Query automation**.
- Utilized **Google App Engine** and **Cloud Run** for deploying and managing client microservices.
- Orchestrated containerized applications using **Docker** and **Kubernetes** on GCP, enabling seamless deployment and scaling of microservices.
- Conducted knowledge-sharing sessions and provided technical guidance to team members, fostering a collaborative and learning-oriented work environment.

## PROJECTS AND CONTRIBUTIONS

### GCLOUACT | OPEN-SOURCE PROJECT

See Project

A Terraform module for hosting your own runner for CI/CD on Google Cloud to run jobs in your GitHub Actions workflows.

### VM DEPLOY | OPEN-SOURCE PROJECT

See Project

A GitOps Continuous Delivery Tool for VMs.

## EDUCATION

### B.SC IN INFORMATION TECHNOLOGY

HIMALAYAN GARHWAL UNIVERSITY

2020 | Uttarakhand, IN

### INTERMEDIATE EXAMINATION

UTTAR PRADESH BOARD

2017 | Uttar Pradesh, IN

## OTHER PERKS

- Active with DevOps Community on twitter and like to share learning to others.
- In his free time, likes to blog, create videos on Youtube.