

Tushar Rajpoot

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Work Experience

HCL Technologies Ltd.

DevOps Engineer

2021 – Present

Noida, India

- 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.

Certifications

Hashicorp Certified Terraform Associate.

Hackerrank Skill certifications: Python, Go, JavaScript, REST APIs.

Skills

Programming Languages	JavaScript/TypeScript, Python, Golang
Google Cloud Platform(GCP)	GCE, GKE, GCR, App Engine, Cloudrun, IAM, Storage, Big Query
AWS	EC2, ECR, S3, Beanstalk
Containerization	Docker, Kubernetes
CI/CD	Jenkins, GitHub Actions, ArgoCD
IAC	Terraform, Pulumi, CloudFormation
Development	Familiar with Reactjs and Nodejs
Others	Git, Linux, Hashicorp Vault

Projects and Contributions

GcloudAct

Tech: GCP, Github Actions, Terraform

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

VM Deploy

Tech: Nodejs, Git

A GitOps Continuous Delivery Tool for VMs.

Open Source Project

[See Project](#)

Open Source Project

[See Project](#)

Education

Bechelor of Science(Information Technology)
Intermediate Examination

Himalayan Garhwal University
Uttar Pradesh Board

2020

2017

Achievements

HCL ERS Champion

Cloudfest Hackathon 1st round success

HCL Technologies

Hackathon by Google(earned 8k voucher as reward)

2023

2022