TUSHAR RAJPOOT

A DevOps Engineer having 2+ years of handson experience with automating and optimizing critical deployments over a large infrastructure.
Passionate about Web development and Cloud-Native technologies.

tusharrajpoot.com
tusharrajpoot43@gmail.com
(+91)9058015227
linkedin.com/in/tushar-r-849510116/
github.com/tush-tr

Experience

HCL TECHNOLOGIES
March 2021 - present
hcltech.com

DevOps Engineer

Working on designing, developing features and automating the deployments for applications with millions of users, using Google Cloud Platform and Cloud-Native technologies.

- Working on developing features in backend projects (node.js micro-service architecture).
- Building CI/CD pipelines for deployment of our client microservices to Google App Engine, Cloud Run, kubernetes on Google Cloud Platform(GCP).
- Developing and maintaining automated CI/CD pipelines for code deployment using Github actions and Jenkins.
- Integrating Monitoring tools, Security Scanners with Github Actions workflows.
- Integrating Hashicorp Vault with Node.js applications, Google Cloud Platform(GCP) and Github Actions for managing secrets.
- Developed automation frameworks for managing Google Cloud(GCP) Infrastructure like Cloud Schedulers, Big Query views, scheduled queries using Terraform, Node.js and Github Actions.
- Writing Dockerfiles and dockerizing node.js, React based applications for deploying to Google Cloud Run.
- Working on automation builds, deployments, validations and configurations in the Google Cloud Platform environment.
- Provisioning infrastructure, servers of GCP and deploying features using Terraform.

Skills

- **Programming Languages:** JavaScript, TypeScript, Python, C/C++.
- **CSPs: Google Cloud Platform** (IAM, Storage, Compute Engine, Monitoring, GKE, App Engine, Cloud Run, Big Query, Cloud Schedulers), **AWS** (EC2, ECR, S3, Beanstalk). (Managed deployments on GCP App Engine, Cloud Run of applications with millions of users.)
- **CI/CD:** Jenkins, Github Actions. (Developed and maintained tens of CI/CD pipelines for automated code deployments to GCP and AWS.)
- **IAC: Terraform.** (Proficient with writing Terraform scripts for provisioning GCP and AWS infrastructure.)
- **Containerization: Docker**, **Kubernetes**(Familiar).
- **OS:** Linux(Ubuntu, Debian, CentOS), MacOS, Windows
- **Development Technologies:** React, Node.js.
- **Databases:** NoSQL databases(MongoDB), SQL databases(MySQL,PostgreSQL).
- **Others:** Git, Github, Hashicorp Vault.

Projects

Gcloudact See Project

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

Runode See Project

A CLI tool for running nodejs server automatically in development mode.

CI/CD with Terraform and AWS See Project

A node.js app deployed to Amazon EC2 using terraform, docker, Amazon ECR, Github Actions workflow.

Check more at tusharrajpoot.com/projects

Education

Himalayan Garhwal University
2017-2020

Information Technology
Bechelors of Science in Information Technology. Focused course on programming in C/C++, web technologies, DBMS and many else.

Uttar Pradesh State Board
2015-2017

Intermediate Examination
Intermediate qualification specialized in PCM (Physics, Chemistry, Mathematics).

Certifications

- Hackerrank Skill Certifications: Python, JavaScript.
- Docker Essentials, Kubernetes Essentials, Python badges by IBM.
- Google Cloud Qwiklabs badges

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.