

Mayank Gwal 

Engineer DevOps seeking roles in Software Development,Application Programming,Requirement Gathering,System Analysis,Technical Architecture,Cloud Computing,Configuration Management,Continuous Integration,Jenkins,Java,MySQL,Docker,Python,MongoDB

Current Designation: Engineer DevOps

Total Experience: 2 Year(s) 7 Month(s)

Current Company: L&T Technology Services

Notice Period: 2 Months

Current Location: Bengaluru / Bangalore

Highest Degree: PG Diploma [Computers]

Pref. Location: Bengaluru / Bangalore,Mumbai,Pune

Functional Area: IT Software - Application Programming / Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: Engineer DevOps,Software Development,Application Programming,System Analysis,Technical Architecture,Cloud Computing,Continuous Integration,Jenkins,Java,MySQL,Docker,Python,MongoDB,Kubernetes,Ansible,Terraform,AWS,Linux,Bash Scripting

Verified : Phone Number | Email - id

Last Active: 21-Jan-21

Last Modified: 21-Jan-21

Summary

Result-oriented Professional with over 2 years of experience in Software Development,Application Programming,Requirement Gathering,System Analysis,Technical Architecture,Cloud Computing,Configuration Management,Continuous Integration,Jenkins,Java,MySQL,Docker,Python,MongoDB

Work Experience

L&T Technology Services as Engineer DevOps

Apr 2018 to Till Date

Digital communication solution - A platform which feeds the services provided by telecommunication provider, visualized in the dashboard and available to the customers in various IOT platforms.

Developing container based solutions to containerize application using Docker and then deploying them to Microservices based Kubernetes Cluster via CICD Pipelines on AWS via Jenkins

Developed, Deployed and managed the kubernetes code/manifests for dockerized Microservices, Logging solution Elastic-stack [EFK], into the EKS cluster.

Deployed service mesh ISTIO and configured in the EKS cluster for intelligent routing, fault tolerance and mTLS security.

Developed and customized the manifests/code for ISTIO objects & ingress-gateways for exposing the microservices and end to end connection.

Brought in Auto Scaling Capabilities within the application pods based on custom metrics via Prometheus/Grafana by installing HPA & KEDA.

Analytic Solution for the air-crafts - A platform that analyses data in log files collected from Line Replacement Units, which are then aggregated through the course of a flight and are offloaded from an aircraft upon arrival in an airport.

Used containerized environment to decreased production cost by 35%

Brought in Auto Scaling Capabilities within the application pods using Prometheus/Grafana via custom metrics & KEDA. Also Cluster Auto Scaler to auto-scale the worker nodes

Employed different DevOps Strategies like Blue/Green, Canary Release, Continuous Feedback Mechanisms. Creating, Configuring Jenkins Pipeline to achieve end-to-end CI & CD (Continuous Integration and Continuous Delivery of JAVA Based Applications.

Developed, Deployed and managed the kubernetes code/manifests for dockerized Microservices, Logging solution Elastic-stack [EFK], Nginx Ingress controller as an Api gateway, into the AKS cluster.

Developed Dockerfiles to containerize JAVA, Angular applications, run those apps on Tomcat, and nginx Servers respectively and store them as images on private docker repository [Azure ACR]
Monitoring kubernetes cluster using Prometheus and Grafana, and Metrics-Server.
Software solution for medical equipment - A solution which maintained the records of medical equipment of various hospitals which mapped to the dashboard to represent the availability of the equipment and its condition.
Designed, developed & Tested Spring-Boot -based REST micro-services for the system using Git, Java, JSON, Spring Boot, maven, Netflix (Eureka, Zuul, Hystrix), MySQL.

Education

UG: **B.Tech/B.E. (Computers)** from **Shri Shankaracharya College of Engineering & Technology, Bhilai** in **2017**

PG: **PG Diploma (Computers)** from **CDAC, Pune** in **2018**

Other Qualifications/Certifications/Programs:

- Certified Kubernetes Administrator (CKA)
- Certified Devops Engineer

IT Skills

Skill Name	Version	Last Used	Experience
Docker, Podman, Kubernetes			
Helm, Istio			
Azure[ACR, AKS], AWS[EC2, IAM, S3			
RDS, DynamoDB, ECR, EKS, VPC			
Cloud Formation			
VPC, Lambda, EBS, S3, ELB etc			
Prometheus, Grafana			
Elastic-stack [EFK] and [ELK]			
Jenkins, SCM			
Git, GitLab, BitBucket, Github			
NEXUS			
Terraform, CloudFormation for Iaas			
Ansible for Configuration			
Java, Python, MySQL, MongoDB			
Windows, Linux[Ubuntu, CentOS]			

Affirmative Action

- Category: General
- Physically Challenged: No

Work Authorization

- Job Type: Permanent
- Employment Status: Full time