

# Vishal Mangasuli

System Engineer

vishal.mangasuli01@gmail.com

8747856585

Bengaluru, India

My goal is to contribute to a collaborative and innovative team that embraces cutting-edge practices in the field of DevOps to achieve excellence in software development and delivery.

## WORK EXPERIENCE

### System Engineer Infosys

01/2022 - Present

#### Achievements/Tasks

- Configured and managed continuous integration and delivery pipelines using Jenkins and GitLab, reducing build time by 40%.
- Improved code quality and reliability by implementing Maven build processes and conducting code reviews.
- Monitored and maintained Linux servers to ensure optimal performance and uptime.
- Developed Helm charts to automate deployment, scaling, and upgrades of the microservices.
- Writing Playbooks: Write Ansible Playbooks to automate the installation and configuration of web servers, load balancers, and databases. The Playbooks should be divided into roles, each of which performs a specific task.
- Performed deep troubleshooting and nailed down the root cause to avoid regression.
- Refactored the dead code, added more logging for easy troubleshooting and debugging.
- Managing the infrastructure creating, scaling up/down, restart, connecting 'Agent pools' and adding browser dependencies, tools etc., Testing agents end to end on private/cloned pipelines.

### Devops Engineer Textmercato

03/2021 - 01/2022

#### Achievements/Tasks

- Configured CI/CD pipelines, set up git branch policies, dev pull requests.
- Brought engineering solutions for day-to-day operational issues.
- Create failure management processes and tools so outages can be handled without causing a loss of delivery.
- Automated deployment and testing processes using Docker, Jenkins, and Helm, resulting in a 30% reduction in deployment time.
- Implemented an organised file structure for individual teams to avoid ambiguity among usage of shared yaml scripts for respective team's build pipelines

## SKILLS

Monitoring Tools - Grafana, Prometheus, Nagios

Version Control System - Git, GitHub, SVN

Devops Tools - Docker, Ansible, Kubernetes, Maven, Helm

CI/CD Orchestration - Jenkins

Languages : YAML, Python

Linux

## PERSONAL PROJECTS

### 1) Monitor and Log Application Performance

- It aims to provide real-time insights into the application's behavior, track key performance metrics, and store relevant log data for analysis.

### 2) Disaster Recovery

- Set up backup and disaster recovery mechanisms using AWS services like AWS Backup and AWS Disaster Recovery.

## EDUCATION

Bachelor of Engineering

Electronics and Communication

## ACHIEVEMENTS

Represented the college team at National Level Competition - Make in BVB .

Office bearer of MakeInBVB, a dynamic student body under CTIE to work on the motto of Make in India.