

## TEJAS PATIL | DevOps Engineer

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### OBJECTIVE

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DevOps Engineer with nearly 2 years of experience in automating infrastructure, building CI/CD pipelines, and managing cloud deployments. Proficient in Git, Docker, Kubernetes, Terraform, Jenkins, and Ansible. Adept at designing scalable infrastructure, optimizing deployment processes, and implementing DevOps best practices to improve efficiency and reliability.

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### WORK EXPERIENCE

**HisanLabs Private Limited | Oct 2023 – Sep 2024**

**Role: DevOps Engineer Intern (Full-time Internship)**

Key Contributions:

- Developed Jenkins CI/CD pipelines to automate builds and deployments.
  - Implemented infrastructure as code (IaC) using Terraform and AWS CloudFormation.
  - Deployed containerized applications using Docker and Kubernetes.
  - Automated server configurations with Ansible.
  - Managed source code repositories with Git and resolved merge conflicts.
  - Set up monitoring dashboards and alerts using AWS CloudWatch.
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**Learnasyougo Pvt Ltd | Sep 2024 – Present**

**Role: DevOps Engineer (Project: DTSkill Pvt Ltd)**

Key Responsibilities:

- Designed and implemented CI/CD pipelines using Jenkins for efficient code deployment.
- Automated infrastructure provisioning using Terraform and Ansible.
- Managed containerized deployments using Docker and Kubernetes.
- Configured and maintained AWS services such as EC2, S3, RDS, ELB, Route53, and CloudWatch.
- Set up and optimized monitoring solutions using Prometheus and Grafana.
- Deployed applications on Nginx and Apache Tomcat.
- Worked closely with development teams to integrate DevOps practices into workflows.

### PROJECTS

#### 1. Spira – Cloud-Based Application Deployment

- Designed and managed CI/CD pipelines for automated deployments.
- Deployed applications in Kubernetes clusters using Helm charts.
- Configured AWS Route53 for DNS and domain management.
- Implemented Prometheus and Grafana for monitoring and alerting.

#### 2. Gene – Scalable Microservices Infrastructure

- Developed infrastructure as code (IaC) using Terraform for scalable deployments.
- Automated Kubernetes cluster management using Kubeadm and Helm.
- Integrated AWS services like EC2, RDS, and S3 for cloud storage and computing.
- Implemented security best practices for microservices deployment.

### 3. Vista AI – AI/ML Model Deployment on Cloud

- Built and deployed Dockerized AI models using Kubernetes.
- Automated model training and deployment pipelines with Jenkins.
- Integrated AWS SageMaker for AI model inferencing.
- Configured logging and monitoring with CloudWatch and ELK stack.

### 4. Triec – Secure and Scalable Web Application Deployment

- Developed Terraform scripts to provision EC2 instances and networking components.
- Implemented Jenkins CI/CD for continuous deployment workflows.
- Set up Nginx as a reverse proxy for application load balancing.
- Configured security groups and IAM policies for role-based access control.

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## KEY SKILLS

▪ <b>Source Code Management</b>	: Git, GitHub, GitLab
▪ <b>CI/CD Tools</b>	: Jenkins (including Jenkins for ML), GitHub Actions
▪ <b>Containerization &amp; Orchestration</b>	: Docker, Kubernetes, Amazon EKS
▪ <b>Infrastructure as Code (IaC)</b>	: Terraform, AWS CloudFormation
▪ <b>Configuration Management</b>	: Ansible
▪ <b>Cloud Platforms</b>	: AWS (EC2, IAM, ELB, SNS, RDS, CloudWatch, Route53, S3, CloudFront, VPC), GCP
▪ <b>Monitoring &amp; Logging</b>	: Prometheus, Grafana, CloudWatch, Htop, Gotop, Bashtop, PagerDuty
▪ <b>Failure Analysis &amp; AIOps</b>	: Failure Cause Management (FCM), AI-based Monitoring (Dynatrace, Datadog)
▪ <b>Build &amp; Automation</b>	: Maven, Bash Scripting, Shell Scripting
▪ <b>MLOps Tools</b>	: AWS SageMaker, Azure Machine Learning, OpenAI API
▪ <b>Databases</b>	: MySQL, MongoDB, Postgres, Redis
▪ <b>WEB Application Servers</b>	: Nginx, Apache Tomcat, Node.js, Python
▪ <b>Automation Build Report Tool</b>	: Robot Framework
▪ <b>Docker Remote Repository</b>	: Nexus, Docker Hub, AWS ECR

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## EDUCATION

### B.C.A | Bachelor in Computer Application

North Maharashtra University, Jalgaon 2023

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## PERSONAL DETAILS

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| – <b>Name</b>          | : Tejas Sitaram Patil |
| – <b>Date of Birth</b> | : 19 Jan 2002         |
| – <b>Address</b>       | : Pune, Maharashtra   |
| – <b>Gender</b>        | : Male                |

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## DECLARATION

I hereby declare that all the information provided above is true and accurate to the best of my knowledge.

**Place:** Pune, Maharashtra

**Tejas Patil**