# Shivam Jaywant Jagtap

DevOps Engineer

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## Professional Summary

A highly motivated DevOps Engineer with 10 months of hands-on experience in automating software development processes, managing cloud infrastructure, and implementing CI/CD pipelines. Proficient in tools such as Docker, Kubernetes, Terraform, Jenkins, and AWS. Successfully contributed to streamlining workflows, enhancing deployment efficiency by 30%, and ensuring system reliability. Knowledge in various programming languages including Python, C, and SQL. Proven ability to deliver robust and scalable solutions. Committed to continuous learning and professional development.

## Experience

### HisanLabs Pvt Ltd

DevOps Engineer Intern                                                         *August 2024 – June 2025*

- Experience in working with AWS Services like **EC2, VPC, IAM, S3, ELB, Auto Scaling, RDS, CloudWatch, SNS, CloudTrail, Route53, CloudFront.**
- Designed, implemented, and managed CI/CD pipelines using **Jenkins**, improving deployment frequency by 25%.
- Assisted in the setup, configuration, and management of AWS resources including **EC2**, **S3**, and **RDS**.
- Implemented Infrastructure as Code (IaC) using **Terraform**, resulting in a 40% reduction in provisioning time.
- Conducted resource allocation and utilization analysis, leading to the optimization of container resource limits and requests. This resulted in a 15% reduction in infrastructure costs while maintaining optimal application performance.
- Streamlined the CI/CD pipeline for Java-based applications using **Maven**, resulting in a 20% reduction in build and deployment times.
- Developed, deployed, and managed containerized applications using **Docker**, ensuring consistency across environments and reducing deployment time by 40%.
- Configured monitoring tools like **CloudWatch** to track application performance, leading to a 20% decrease in downtime.
- Set up and managed **Kubernetes** clusters for automated deployment and scaling of applications, reducing manual deployment time by 50%.
- Created **Dockerfiles** to build optimized Docker images, reducing image size by 40% and cutting build time by 30%, leading to faster deployments and improved system resource utilization.
- Configured **S3 Buckets** with lifecycle policies, versioning, and replication to ensure data durability.
- Enabled **VPC Flow Logs** for network traffic analysis, enhancing security measures by identifying and mitigating 20+ potential security threats and improving incident response time by 35%.

## Education

### Sinhgad College of Science

M.Sc. (Computer Science)                                                              *2022 - 2024*

CGPA: 7.40 / Percentage: 63.95%

### Sinhgad College of Science

B.Sc. (Computer Science)                                                              *2019 - 2022*

CGPA: 8.73 / Percentage: 83.73%

# Skills

- IaaC : Terraform
- Deployment: EKS, Kubernetes
- CICD: Jenkins, Agro
- Version Control System: Git, Github, Gitlab
- Database: MYSQL
- Others: Linux, Shell scripting
- Cloud Platform: AWS (EC2, S3, ECR,VPC, EKS, RDS, IAM)
- Containerization: Docker
- Configuration management: Ansible
- Monitoring: Cloudwatch

# Languages

**English**          **Hindi**          **Marathi**