

HARSHAL WAGHARE

Pune, Maharashtra, India

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PROFESSIONAL SUMMARY

DevOps Engineer with 1 year of experience in CI/CD automation, cloud infrastructure on AWS, and containerized deployments using Docker and Kubernetes. Skilled in monitoring, troubleshooting production issues, and supporting reliable application releases in collaboration with engineering teams.

EXPERIENCE

SSP Technology, Pune

Role - DevOps Engineer Trainee

Jan 2025 – Present

Pune, Maharashtra

- Created and maintained Git repositories, managed access control, and followed a clean branching strategy aligned with DEV, TEST, UAT, and PROD environments.
- Managed keys, tokens, and credentials to secure Git operations and CI/CD workflows.
- Set up and maintained Jenkins pipelines, installed required plugins, and automated build & deployment processes.
- Integrated Jenkins with Maven for builds, managed `pom.xml`, and enabled basic code-quality checks using SonarQube.
- Configured webhooks for automated CI/CD triggers and ensured smooth end-to-end execution of pipelines.
- Developed Terraform scripts for provisioning AWS infrastructure (S3, EKS, RDS) using reusable components and secured Terraform state files.
- Built optimized Dockerfiles, managed container images, and pushed them to private registries.
- Created Kubernetes manifests for deployments, services, ingress, and supported scaling using HPA.
- Assisted in managing AWS EKS clusters to ensure reliable deployments, scalability, and availability.
- Configured dashboards and alerts in Datadog for proactive monitoring of applications and infrastructure.
- Responded to incidents, contributed to troubleshooting, and helped ensure minimal downtime.

EDUCATION

Shri Vile Parle Kelavani Mandal's Institute of Technology, Dhule

B.Tech - Computer Engineering - 7.81 CGPA

2020 – 2024

Dhule, Maharashtra

Jai Hind Junior College, Dhule

Higher Secondary Education - 67.69%

2018 – 2020

Dhule, Maharashtra

Jai Hind High School, Dhule

Primary and Secondary Education - 84%

2018

Dhule, Maharashtra

TECHNICAL SKILLS

- **Programming & Scripting:** Python, PowerShell (basic), Bash, JavaScript (basic), SQL, Object-Oriented Programming
- **Cloud & DevOps:** AWS, Terraform, Docker, Kubernetes, Jenkins, CI/CD pipelines
- **Infrastructure & Systems:** Linux/Unix, Windows Server (basic), IIS (basic configuration), IAM, networking fundamentals, infrastructure automation
- **Monitoring & Reliability:** Datadog, Prometheus, Grafana, log analysis, alerting concepts
- **Version Control & Tools:** Git, GitHub, Jira
- **Databases:** MySQL, PostgreSQL (basic)

PUBLICATIONS

Unmasking Attacker Identity Behind The VPN

Dec 2023

5th International Conference on Advances in AI for Biomedical Instrumentation Electronics & Computing (ICABEC-2023)

Heart Disease Prediction Using Deep Learning Approaches

May 2025

ICCSS 2025, D.Y. Patil College of Engineering, Akurdi

Fruit Quality Monitoring System Using Machine Learning and Internet of Things

ICCSS 2025, D.Y. Patil College of Engineering, Akurdi

CERTIFICATIONS

- Python 3.4.3 Spoken Tutorial, IIT Bombay
- Building Modern Python Applications on AWS
- Develop and Deploy Windows Applications on AWS