

# Harshwardhan Tilekar

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## Education

### MIT Academy of Engineering, Pune

Bachelor of Technology-Computer Engineering

Aug 2020 – Present

CGPA : 9.52/10

### Jawahar Navodaya Vidyalaya, Solapur

12<sup>th</sup> CBSE

2020

Percentage : 89.6

## Experience

### Celebal Technologies

Cloud Infrastructure and security intern

June 2023 – Aug 2023

Remote

- Configuration Management tools and developing AWS CI/CD Pipelines.
- Developed and Maintained Automated CI/CD Pipelines for Code Deployment Using AWS, Docker and Jenkins.

### Microsoft

Microsoft Azure FRT Intern

May 2022 – Jul 2022

Remote

- Developed of Azure-backed chatbot with QnA Maker, Azure Bot Service, enhancing medical knowledge accessibility.
- Deployed Azure Static Web App-hosted chatbot, bolstering user engagement, fostering blood donation awareness..

## Projects

### Creating CI/CD with AWS Services | [Link](#)

Key skills & Tools : IAM | CodeCommit | Git | CodeBuild | S3 | CodeDeploy | EC2 | CodePipeline

- Automated CI/CD pipeline for secure code storage, build, and deployment on AWS.
- Led DevOps projects to streamline version control, testing, and deployment workflows.
- Orchestrated seamless integration of CodeCommit, CodeBuild, and CodeDeploy for efficient CI/CD.

### Automated CI/CD Pipeline for Django Web Application using AWS, Docker and Jenkins. | [Link](#)

Key skills & Tools : Docker | Jenkins | AWS | Git | GitHub

- Automated the deployment of a Django application on an EC2 instance using Docker and Jenkins, enabling continuous integration/continuous delivery (CI/CD) practices.
- Leveraged Docker to manage dependencies and containerize the application, facilitating simple scaling and deployment.
- Utilized Jenkins to orchestrate the deployment process, ensuring the application's consistency and effortless operation.

### Reddit Clone on Kubernetes with Ingress Enabled | [Link](#)

Key skills & Tools : Git | Docker | EC2 | DockerHub | Kubernetes

- Dockerized and scaled Reddit Clone on Kubernetes with Ingress for efficient traffic management.
- Built, tested, and deployed Docker images to Kubernetes using Ingress to ensure seamless scaling and routing.
- Configured Ingress and exposed Reddit Clone deployment with autohealing, autoscaling, and networking.

## Technical Skills

Languages: Python, SQL, CPP

Tools: AWS, Docker, Linux, Shell Scripting, Github, CI/CD, Cloudformation, Terraform, Jenkins, Kubernetes

Areas of Interest: DevOps, Cloud Computing

## Achievements

- Hacktoberfest 2022 - contribution to open source projects.
- Veritas Illuminate U-Connect Students Hackathon 2023 Finalist.

## Certifications

- AWS Certified Developer Associate (DVA-C02)
- AWS Certified SysOps Administrator Associate (SOA-C02)

## Co-Curricular Activities

- Technical Blogger on HashNode Platform.
- Class Representative in Student Council.