**Amit Shewale Pune :-411044.**

*DevOps Engineer.*

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# **About:-**

Proficient in DevOps , Cloud (AWS/GCP) , Software Development Life Cycle (SDLC) including analysis , design, Coding, Scripting , Integrating , Testing , Automation, Version Control and Support.

**Projects/ Experience : -**

**1. CI/CD Pipeline for Java application to deploy on Kubernetes cluster using Jenkins.**

> Integration of Jenkins & Sonarqube for static code analysis.

> Dokerizing Application & pushing the image to central registry.

> Identifying the misconfiguration in HELM chart using Datree.

> Deploying the application on K8s using HELM chart.

**2. Automated CI/CD Pipeline for Django web application using Amazon web service (AWS) ,Docker , Jenkins , Ansible & Kubernetes .**

> A real time CI/CD pipeline on Jenkins with GITHUB integration & system designed to handle servers , images , & orchestration using Docker , Kubernetes & Ansible.

**3. Build Kubernetes cluster on AWS from scratch with Minikube.**

> Setup and managed Docker Containers for Django Application into Kubernetes Pods.

> Managed Deployments, Replication, Auto Healing, Auto Scaling for Kubernetes cluster.

> Managed Network and services on AWS EC2.

* **Achievements:-** Reduced downtime by upto75% on production environment.

**4. CI/CD Pipeline for sample java application on AWS console.**

> Implemented a CI/CD pipeline for a sample Java application using AWS Code-Pipeline, Code-Build, and Code-Deploy.

> Integrated the pipeline with GitHub to automatically trigger builds and deployments whenever changes were pushed to the repository.

> Configured CodeBuild to compile and test the application, and CodeDeploy to deploy the application to Amazon EC2 instances.

> Implemented rolling deployment strategy to minimize downtime during deployments.

**5. AWS Serverless Application Model using API gateway Integration with AWS Lambda.**

> A real time project on integration of AWS Lambda and API gateway.

> Created a AWS Lambda function and tested.

> Added Layers to the function.

> Integrated API gateway and tested it on POSTMAN.

* **Result:-** Tried and tested a Serverless Architecture which is highly available can Auto scale itself and can pay as we use.

# **Skills :-**

Amazon Web Services (AWS) • Linux/Unix • Jenkins • Docker • Kubernetes • Ansible • Terraform • Shell Scripting • Python (Scripting Language) • YAML • GitHub/Git • Sonarqube • Windows-powershell • YAML • Continuous Integration/ Continuous Deployment (CI/CD) • Serverless services. • Networking • Security • Front-end Development • UI/UX designing •MySql• MongoDB

# **Education :-**

## Savitribai Phule Pune University. pune.

### Master of Science - Computer Science

Jun 2022 - Jul 2022

*9.0 CGPA .*

## Fergusson College. pune.

### Bachelor's degree, Computer science

Jul 2017 - Apr 2020

*6.32 CGPA.*

# **Certifications :-**

* Edureka’s Full Stack Developer Internship Certificate ID:GT4BBQ846 and verification: [*www.edureka.co/verify*](http://www.edureka.co/verify) *.*
* AWS certification for getting started with DevOps.
* DevOps Workshop Certificate from Cloud-Train.
* Growth School workshop certificate for UI/UX designer.

# **Declaration :-**

I hereby declare that the above particulars of facts and information stated are correct to the best of my belief and knowledge.

***YOURS SINCERELY***

**AMIT SHEWALE.**