



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.
- > Dockerizing 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 .
- 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.