

Jatin Kishore M

Aspiring DevOps Engineer

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[portfolio-website](#)

As an enthusiastic candidate, I am looking for **DevOps Engineer** and **AWS Cloud Engineer role**. I excel in both collaborative team settings and as an independent contributor, possessing a strong drive for **innovation**, **problem solving**, and experience in **automation** and **troubleshooting**.

Technical Skills

Cloud Technologies	AWS, AZURE
Operating System	Linux
Build Tools	Maven
Container Technologies	Docker, Kubernetes
Scripting	Shell and Python
Version Control System	Git and GitHub
Configuration Management	Ansible
Infrastructure as Code	Terraform
CI/CD	Jenkins, ArgoCD & Azure Pipelines

Projects Summary

End to End CI/CD Pipeline for an E-Commerce Application

- Implemented End to End CI/CD Pipeline for a N-tier Architecture Microservice Application. This Application comprises Microservices each written in different languages and there is a Redis for Caching and Mysql Database for Storing the User Information.
 - Created the pipeline for Python, DotNet and Java Application using Azure CI Pipelines and Deployed the microservices on to the Azure Kubernetes Service (AKS) using Argo CD.
 - Experience in Implementation of advanced CD architecture using GitOps and deploying services for every change that is created in Azure repo.
 - Alternatively, I have also learnt how to deploy the microservices on the Azure Kubernetes Service using Ansible.
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DevSecOps – Secrets Management on AKS

- Implemented Secrets Management on the Kubernetes clusters setup on Azure Platform using Azure Kubernetes Service (AKS).
- Using this project, I have secured the Sensitive Information by storing the information on the Azure Vault by integrating Azure Vault with AKS using Managed Identities.
- Secured the StatefulSets by reading the sensitive information from Azure vault and mounting the secrets from Vault.
- Learned how to set up Azure Kubernetes Service using Terraform and also integrated the Vault setup using Terraform.

Cloud Cost Optimization

- Used the combination of AWS cloud watch and Lambda functions to decrease the cloud cost by 25 percent.
- Created Lambda function in python using the boto3 module to interact with AWS APIs and this lambda function is triggered by Cloud Watch events.
- This lambda function would watch for any unused EBS snapshots and either delete them or send our notification to snapshot owner.

EDUCATION

Velammal Institute of Technology — B.E ECE

(Anna University Affiliated)

JUNE 2020- MAY 2024

CGPA: 8.26

Ponjesly Public School — HSC

(State Board)

JUNE 2019- MAY 2020

Percentage: 75%

ACHIEVEMENTS

- Holding Patent for my project on “Sensor stimulated touch-responsive frame for non-touch screen laptops”. Application No.
- Winning the MSME funding for my project on touch responsive frame.
- AZURE AZ 900
- AZURE SC 900
- AZURE DP 900
- NPTEL Certifications on:
 - Cloud Computing
 - Google Cloud Computing

DATE: May 15, 2024

PLACE: CHENNAI

SIGNATURE

M. Jatin Kishore
