Engineering]

Total Experience: 2 Year(s) 0 Month(s)

Notice Period: Currently Serving Notice Period

Highest Degree: B.Tech/B.E. [Computer Science and

# ARPIT SINGHAL () Featured

DevOps Engineer seeking roles in Software Configuration Management,Build Management,Release Management,Continuous Integration,Application Deployment,Ansible,Linux,Python,Terraform,Zuul,Jenkins,Node.js,MEAN Stack,React.js,Git,Docker,Kubernetes



Current Designation: DevOps Engineer
Current Company: Tripock Labs Pvt. Ltd.

Current Location: Delhi

Pref. Location: Mumbai, Pune, Bengaluru / Bangalore

Functional Area: IT Software - Application Programming /

Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: DevOps Engineer,Software Developer,Software Configuration Management,Build Management,Release Management,Continuous Integration,Application Deployment,Ansible,Linux,Python,Terraform,Zuul,Jenkins,Node.js,MEAN

Stack, React. js, Git, Docker, Kubernetes

Verified: Phone Number | Email - id

Last Active: 21-Jan-21 Last Modified: 21-Jan-21

# Summary

Goal oriented professional, offering an experience of over 1.8 years in DevOps Engineering & Deployment, Cluster Deployment, Infrastructure Development & Jules Pipeline

Rich experience in providing Enterprise Application Support, IT System, Middleware Administration, Production & UAT Infrastructure Support with hands- on experience in Ansible, Linux, Python, Terraform, Zuul, Jenkins, Atlassian tools, High Availability and Git

Designed, implemented and maintained deployment automation from code check- in to production; supported implementation activities in all features in Continuous Integration Platform and managed all operational activities related to DevOps Systems using Jenkins & Ansible

Highly skilled in Linux, Ansible, Agile Methodologies, DevOps, Terraform, Docker, Kubernetes, AWS cloud services and Python

# **Work Experience**

**Tripock Labs Pvt. Ltd.** as DevOps Engineer Jul 2020 to Till Date

Project Undertaken.

Zeblok.

Key Result Areas:

Developing the Automation to generate secure and Highly Available Jupyterhub cluster over AWS EKS providers. Managing the BEEGFS, MINIO servers deployment using Ansible and Terraform so as to automate and manage the deployment end to end over AWS EC2 service.

Developed AWS EKS by the extensive use of Terraform and created the helm charts for the deployment of Jupyterhub Notebooks.

FIS Global as Product Delivery Engineer

Feb 2019 to Jul 2020

Key Result Areas:

Conducting root- cause- analysis and providing resource-effective solutions for infrastructure automation for several teams of

the organization using SAFe Agile

Building, deploying, automating and configuring IT solutions using DevOps platform; implementing reusable components and translating technical requirements. Using the tools like Terraform and Ansible for the purpose.

Building automated deployments through the use of configuration management technology; deploying new modules and upgrades and completing fixes within the production environment

Creating requirements and procedures for implementing routine maintenance; troubleshooting and resolving existing information systems errors

Worked on AWS, Database Services, Computing services & Storage, Elastic Kubernetes Services.

Generating daily, weekly & monthly reports and presenting the same to senior management for analysis & decision-making

Administering DevOps practices and executing day-to-day operations from development to production

Creating the Helm charts for the Kubernetes deployments of different services.

Working closely with the Development Teams to resolve issues related with Software Configuration Management Implementing code builds and automating deployment procedures; eliminating dependencies on build and release in collaboration with other departments; outlining build and deployment procedures in consultation with developers; executing application-specific deploy processes

#### Projects Undertaken:

Jira and Confluence as a Service Key Result Areas:

Working on JIRA & Confluence at the production level, providing support at all levels

Using Ansible and API calls for deployment. Prometheus and Grafana for the monitoring purposes

### Ansible Tower as a Service Key Result Areas:

Developing and implementing automation of the deployment

Using of terraform installation, configuration, migration, failover and up-gradation of Ansible tower cluster

Managed a team of 2 people while working on the project

Image factory Key Result Areas:

Developing Automation to generate secure and pre-configured gold images with updated agents for vSphere and Open Stack

#### Zuul CI/CD pipeline

Key Result Areas:

Deploying the Continuous Integration and Continuous Delivery Pipeline so as to deploy Ansible tower with AWS cloud services

Making tests cases for the further the process of the CI/CD pipeline.

Created the Helm charts and Deployed Elastic Kubernetes service for the server setup. And provisioned the infrastructure by the extensive use of terraform.

### Rest API creation

Key Result Areas:

Used Node.js to create the backend logic to create csv file of given input.

Used React.js to create the frontend.

Used Mongodb for the database.

Used Docker to containerize the whole deployment.

### **COVID Tracker**

Key Result Areas:

Used google API's to locate the group of people on google Map.

Figure out the covid +ve cases in the team and their respective location.

Containerize the whole deployment.

## **Education**

UG: B.Tech/B.E. (Computer Science and Engineering) from IES IPS ACADEMY, INDORE in 2019

## IT Skills

Skill Name	Version	Last Used	Experience	
Ansible	2.8	2020	1 Year(s) 5 Month(s)	
Python		2020	1 Year(s) 4 Month(s)	
AWS		2020	1 Year(s) 1 Month(s)	
Terraform		2020	1 Year(s) 5 Month(s)	
GIT		2020	1 Year(s) 5 Month(s)	

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DOCKER		2020	0 Year(s) 6 Month(s)
Kubernetes		2020	1 Year(s) 0 Month(s)
React.js		2019	0 Year(s) 3 Month(s)
Linux		2020	1 Year(s) 5 Month(s)
Node.js	10.15.3	2019	0 Year(s) 3 Month(s)

## Languages Known

Language	Proficiency	Read	Write	Speak
English	Expert			
Hindi	Expert			

## **Projects**

Project Title: Zeblok Client: zeblok

Nature of Employment: Full Time Duration: Sep 2020 - Dec 2020

Onsite / Offsite: Onsite

Project Details: deployed the jupyterhub notebook server over AWS EKS using Ansible and Terraform.

Project Title: Zuul Pipelines

Client: FIS Payment Solutions and Services

Nature of Employment: Full Time Duration: Mar 2020 - Jun 2020

Role: Domain Expert Onsite / Offsite: Onsite

Team Size: 2

Skill Used: Zuul, Ansible, Terraform, EKS

Role Description: To do a POC over a very exclusive technology. Project Details: Implementing CI/CD pipelines for the projects

Project Title: Ansible Tower

Client: FIS Global Business Solutions Nature of Employment: Full Time

Nature of Employment: Full Time Duration: Feb 2020 - Mar 2020 Role: Project Leader Onsite / Offsite: Onsite

Team Size: 3

Skill Used: AWS, Ansible, Terraform, Linux

Role Description: I was leading a team of 3 to get the Ansible tower from test-lab to production environment

Project Details: Automated the deployment of Ansible tower over AWS cloud services using automation tools like Ansible and

Terraform.

Project Title: Image Factory

Client: Worldpay

Nature of Employment: Full Time Duration: Oct 2019 - Dec 2019
Role: Programmer Onsite / Offsite: Onsite

Team Size: 5

Skill Used: Ansible

Role Description: To create Gold images for different Linux Flavours

Project Details: create Gold images for the different OS.

Project Title: Confluence Client: Worldpay

Nature of Employment: Full Time Duration: Jun 2019 - Jul 2019
Role: Project Leader Onsite / Offsite: Onsite

Team Size: 1

Skill Used: Linux, Ansible, Terraform, Python, HAproxy

Role Description: I was the single source of contact for the project

Project Details: Automated the deployment of the confluence cluster over the VMware cloud services integrated with

postgresql as a master-slave functioning along with redhat HAproxy.

Project Title: Jira Client: Worldpay

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Nature of Employment: Full Time

Role: Project Leader

Duration: Feb 2019 - May 2019

Onsite / Offsite: Onsite

Team Size: 1

Skill Used: Linux, Ansible, python, Terraform, HAproxy

Role Description: I was the single source of contact for the project

Project Details: Automated the deployment of the jira cluster over the VMware cloud services integrated with postgresql as a

master-slave functioning along with redhat HAproxy.

## **Affirmative Action**

Category: General

Physically Challenged: No

## **Work Authorization**

US Work Status: Authorized to Work in the US

Countries: Dubai

Job Type: Permanent

Employment Status: Full time