**Vishal Kumar**

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**Career Objective**

* Strong Believe in Transformational changes which make it possible to turn todays Challenges into Opportunities which will help me in achieving my personal and organizational goal and set high standards in a competitive global arena.

**Career Summary**

* Working as a DevOps Engineer around 4.5 years in Devops & Linux, Maven, Git, GitHub, GitLab, Jenkins, Docker, Kuberbnetes, SSH, ICP(IBM Cloud Private).
* Experienced in working on DevOps/Agile operations process and tools area (Code review, unit test automation, Build , Package and Deploy, Environment, Services )
* Experience in Writing a Dockerfile to create an image and after building push to the registry through scripting
* Hands on Experience with Maven Project and able to Fix the POM.XML issues while building the projects.
* Experienced in working with Microservices Project and implemented CI/CD for the same for DEV, SIT and UAT
* Knows how to Promote existing image to Higher Environment(PTProd, PreProd) through Kubernetes and Scripting.
* Knows How to make bash scripts more robust in current project for easy Tracebility and Debugging
* Supporting team in terms of setting up and configuring CI/Build tools, Environment and Automation.
* Know How to Archive and UnArchive the project in Gitlab.
* Knows How to create Kafka Topics and Kafka Connector and deployment for the same for any Env.
* Hands on Experience for creating a shell scripting to Automate the Pipeline
* Hands on expertise in implementing DevOps culture through CI/CD tools like Jenkins, GitLab, Docker, Kubernetes, Code Pipeline/Deploy
* Familiar with working of OSI and TCP/IP model.
* Knowledge about DNS and FQDN.
* Familiar with writing YAML file to deploy the image
* Familiar with Kubernetes commands to create pods and knows how to check logs for the same and familiar with Ingress controller
* Interact with the engineering teams for product support, improved and automated deployment and release processes.
* Ability to learn and master new technologies and to deliver outputs in short deadlines in Devops
* Worked for Income Tax Project Development in Agile.
* Learnt Cloud Computing technology fundamentals(virtualization) and how to provision VM

**DevOps Skills:**

* **Version Control Systems**: GIT, SVN.
* **CI Server [Continuous Integration**]: Jenkins.
* **Application Development:** Knowledge on (Angular7, NodeJS, Java11)
* **Containerization Technologies**: Docker, Kubernetes
* **Application Server**: Tomcat, Nginx
* **Operating System**: Windows Family, Linux, Ubuntu
* **Build tools/Script language**: Maven and Shell script.
* **Repository Management Tool**: Nexus
* **Messaging Agent**: Kafka
* **Monitoring Tool**: Prometheus/Grafana
* **Logging Tool**: ELK Stack
* **Tracking Tool**: Jira
* **Cloud Services**: ICP – IBM cloud Private, Amazon EC2
* **OS**: RHEL Linux, Unix,Windows 10
* **IDE’s**: Eclipse Oxygen, Visual Studio Code.
* **Learning AWS**

**Projects Undertaken**

* **Title: CPC2.0(IncomeTax – GOVT. Of India) - Current Project**

**Position: Devops Engineer**

**Technologies/Platforms:** Linux-RHEL7, Git, GitLab, Jenkins, Shell scripting, Maven, Docker, YAMl file, Kubernetes, Nexus, jira, ICP, SonarQube.

**Project Description**: Income Tax Return Application where user can file ITR.

**My Responsibilities:**

* Working in Build/Release Management of different Microservices and taking care of CI/CD
* Setting up the Environment from Scratch according to the need.
* Responsible for Creating , adding , giving permissions to the users in GitLab as per the requests from different team.
* Strong in Resolving the merge conflicts and hands on with git commands(cloning, pull, push)
* Creating Pipeline from IDP- Jenkins(Infosys Devops Platform) which is responsible for Build and Deployments.
* Creating Dockerfile for Java, Node JS and Angular 7 Projects by using Tomact , Nodejs and Nginx as base image.
* Setting Pipeline through IDP(Infosys Devops Platform )and also CI/CD for the project
* Creating DockerFile/Multistage Dockerfile for Maven, Node JS, and Angular7 and also creating Deployment file using shell scripting.
* By creating Ansible Playbooks in YAML able to set the Ingress, Service and deployment part.
* Using Kubectl commands knows how to deploy the image through YAML file.
* Also Promoted existing image to higher Env and deployed the same in PreProd and Prod.
* Have set up Monitoring Tools Prometheus/Grafan with Other Team member.
* **Title**: **POC-Kubernetes Pods Limit**
* **Introduce the K8s Pod Limit in YAML for CPU and Memory Utilization and after demo successfully implemented the same in current project.**
* **Given POC for How to Promote Image to Higher Env and after approval applied in Project as well.**
* **Made the Scripts more Robust with proper Tracebilty so, its easy to find errors in build stage only, Before anything goes to Deployment stage and Implemented across the project.**
* **Title: eShop Vodafone UK**

**Position:** Build and Release Engineer

**Technologies/Platforms**: Linux, Docker , Git, GitHub, Jenkins, WinScp, Shell Scripting, Tracking tool(BMC Remedy, UK Remedy), Nexus, SonarQube

**Project Description**: An eCommerce website which provides Products-such as mobile phones, data Plans, Assecories to the Buissness users.

**My Responsibilities:**

* Understanding the Build Process and Scripts. Coordinating with the developers to deploy the code packets in Dev environment
* Testing the changes in Test Servers(PLIVE) through Docker container.
* Flipping environment from Linux operational box connecting through SSH.
* Build code which checkedout by developers in GIT.
* Coordinating with respective team for problems with version control system and its integration with build system.
* Setting/Managing up the Plugins with Git, Jenkins, Docker and etc.
* Deployment of wars into Integration, Test, QA, Pre-Prod and Production environments.
* Flipping environment from Linux operational box once changes implemented successfully.
* Installation and Configuration of necessary software into different environments.
* **Title**: **Lloyd’s POC-Project Fury**

**Position:** Codar Application Designer.

**Technologies/Platforms**: HPE Codar

**Project Description:** A2TC for 8 applications which includes the automated deployment of the

applications with dependencies using HPE Codar

**My Responsibilities:**

* Creating HPOO flows linking with repository management and running Scripts from the flow to

Automate the deployment.

* Creating Codar (Topology design) attaching HPOO flows with it to provide a High level design

that automates the application deployment.

* Creating Cloud maps for the applications and storing it to the nexus repository management.
* Deploying the application in a Docker container pushing to the Docker Registry.
* **Title**: **Setting Up Infrastructure with AWS**
* Knows How to set up Linux server Ec2 AWS instacnce (Ubuntu 16.0.4)
* Hand on With setting up Jenkins on Ubuntu 16.0.4
* Have set up Docker and contains on Ubuntu instance

**Personal Proficiency and Activities**

* Flexible
* Quick & Self-Learner and Initiator.
* Ability to produce best result in critical situation.
* Volunteer at SNCF(Active Participation in Social Work)

**Employer**

* Worked as Software Engineer in DXC technology (Hp/Hewlett Packard Enterprises) from 16-NOV-2015 to 12-July-2019
* Working as Devops Engineer in Infosys LTD. From 15-July-2019

**Academics**

* B.Tech from Bharatiya vidyapeeth Engineering college with first class(63%)
* PUC in Science (Kamal Public School) with 78%
* SSLC from Sarvodaya Kanya Vidhayalya School with 73%

**Personal Information**

**Date of Birth:** 29-01-1992  
**Languages Known:** English and Hindi

**Blood group:** O+

**Nationality:** Indian

**Local Address:**Celeberity Paradise Layout, Electronic city phase-1 , Bangalore-560100

**Permannent Address:** Uttam Nagar, New Delhi -110059

**Declaration**

I hereby declare that, all the information provided are true to the best of knowledge.

Date: 18/01/2021 Vishal Kumar

Place: Signature