# DevOps Engineer Bikshapathi

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# Professional Summary

* Over **5** years Month of IT experience **DevOps Engineering** in **automating**, **building**, **deploying**, and **releasing** on **different environments**.
* Experienced in working on **DevOps/Agile operations** process and tools area (Code review, Build & Release automation, Environment, Service, Incident and Change Management).
* Experience in working on source controller tool like **GIT.**
* Extensively worked on **Jenkins continuous integration and for End-to-End automation** for all build and deployments.
* Hands on experience in Configuration Management tool Ansible, have written Ansible Playbooks in Yml/Yaml script to configure servers and deploying applications.
* Exposed to all aspects of software development lifecycle (**SDLC**) such as Analysis, Planning, and **Developing**, **Testing**, and **Implementing Post**-**production analysis** of the **projects**.
* Experience working on several **Docker components like Docker Engine, Hub**, creating

# Docker images, Compose, Docker Registry and handling multiple images.

* Experience in **Implementing Continuous Delivery pipeline with Docker, Maven, Jenkins.**
* Proficient with cloud services like **Amazon Web Services** and **Azure Cloud.**
* Expertise in trouble shooting the problems generated while **building**, **deploying.**
* Strong knowledge on source controller concepts like **Branches, Merges and Tags.**
* Proficient in tracing complex build problems, release issues and environment.
* Good exposure on **Terraform** services over **AWS**. And **Azure.**
* Deployed applications into **PROD & Pre-Prod environments** with various application server technologies like **Web Logic, JBoss** & **Apache Tomcat**.
* Experience in writing bash scripts, PowerShell, batch scripting.
* Installing various **plug-ins in Jenkins** as per requirements.
* Hands on Experience on **SonarQube,** configuring and **managing.**
* Experience in configuring **Junit** test cases.
* Experience in Rest API’s/API/Postman/insomnia.
* **Artifactory development experience**

# Academic Qualification

* **B**. **Tech** from **JNTUK 2014 Technical Skills**

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| **Operating System** | **Unix/Linux, Windows, Red hat, Centos.** |
| **Database** | **MS SQL,POSTGRESS,MONGODB,COSENDRA** |
| **Application Servers** | **Apache Tomcat, WebSphere, WebLogic** |
| **Version Control** | **GIT, Bit bucket, Gitt-Lab** |
| **Build Tool** | **Ant, Maven, MS Build** |
| **CI Tool** | **Jenkins, Azure DevOps** |
| **Ticketing tool** | **Service Now, Jira** |
| **Configuration Mg Tool** | **Ansible** |
| **Scripting Languages** | **Shell Scripting, python scripting** |
| **Repository** | **Artifactory Development , J-frog, Nexus.** |
| **Virtualization Container and**  **orchestration** | **Docker, k8s** |
| **Cloud** | **AWS, Azure** |

**Working Experience**

**DELFI INFOTECH SYSTEMS PVT LTD**

**CLIENT: TCS Oct 10 2018 to till date**

**Roles and Responsibilities:**

* Good experience in **Azure Cloud**. And **AWS Cloud**
* Extensive experience in writing **Terraform scripts** from scratch for building Dev, Staging, pre-prod, Prod environments in **Azure Cloud**. And **AWS Cloud**
* Hands on experience in writing **Terraform scripts** to create **AKS** (**Azure Kubernetes Service**) **Cluster**.
* Writing CI CD Pipelines, Jenkins file and ADO
* Responsible for build and deployment automation using **Kubernetes** (**AKS**).
* Experience on creating V-pc subnet Nsg and peering connections in Aws and as well as v-net subnet Nsg in azure cloud
* Experience on Load-balancing, auto-scaling, Agw and api management
* Good experience with Container Technology **Docker**.

# Worked on various Docker components like Docker Engine, Hub, Compose, Docker Registry and Docker Swarm.

* Excellent experience in taking Database Backups and restoring them in **Azure SQL Database**

and **MSSQL**.

* Used **Jira** as ticket tracking and workflow tool.
* Administer **JIRA** and Confluence instances on a day-to-day basis including.
* Saved department 50% in manual time entry by converting users Excel spreadsheets into

# JIRA.

* Developed advanced **JIRA** workflows based on user requirements.
* Maintained and Administered **Bit-bucket** Source Code Tool.
* Responsible for merging, tagging and conflict resolution in **Bit-bucket**.
* Maintained and tracked inventory using **Jenkins** and set alerts when the servers are full and need attention.
* Installed/Configured/Managed **Jenkins CI** Automation.
* Good Experience in writing **Shell Script** for **automating** our Jobs.
* Used **Ansible scripts** to deploy our application in **Linux** Servers.
* Worked extensively on **Power shell scripting** and **Batch scripting** has written scripts for automation.
* Experience on **Python** scripting.
* Experience on Database like MYSQL,POSTGRESS,MONGODB
* Excellent Experience in **SONARQUBE**, **Installing**/**Configuring**/**Sending** Reports. **Environment**: Bitbucket, Azure Cloud, AKS, Kubernetes Terraform, Docker, Jenkins, Maven, Jfrog, App Service, Tomcat, , Jira, Confluence, SONARQUBE, Dependency-Tracker, Azure DevOps, Linux, Windows, Shell Script, Batch Script, ARM Template, PowerShell Script, Groovy, YML, , Gitlab, Azure SQL Database, MSSQL

**Project 1 Name: PLM Description**

* PLM is an end-to-end IT and data cloud solutions provider company based out of Bangalore, India, and helps organizations/individuals solve their technological problems. It works to deliver the exceptional every day. PLM is an ISO 9001:2008 certified web/mobile app development company. It has ten years of rich experience in the data cloud solutions field. With cloud services becoming the order of the day.

# Project 2 Name: Intune

**Description**

Microsoft Intune is a cloud-based endpoint management solution. It manages user access and simplifies app and device management across your many devices, including mobile devices, desktop computers, and virtual endpoints.

* Created Virtual Network, subnets, Network security groups
* Created Virtual Machines both manual and automation using Arm Templates.
* Enrolled devices with automatic enrollment to the endpoint manager.
* Created dynamic groups and assigned required licenses.
* Created configuration profiles to restrict the users from the devices.
* Applied compliance polices and conditional access policies to restrict the access to cloud applications.
* Created Recovery services vault for VM backups.
* Set group policies and security policies for the VM
* Analyzing the Pricing of VMs.