Challa Meghana

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# Objective

To work with a progressive and professional organization with challenging and responsible opportunities which will help to improve my knowledge and utilize my strengths with skills.

# Professional Summary

* Building infrastructure in AWS environment with help of **Terraform** and **Packer.**
* Exposure to Software Configuration Management, Build and Release Management, continuous Integration and Deployment.
* Experience in managing on premises environment with the help of virtualization technologies like **VMware** & **Hyper-V**.
* Experience on Installation of tools like **Git, Jenkins, Maven, Ansible, Docker** and **Tomcat** in Linux environment.
* Experienced in branching, tagging and maintaining the version across the environments using SCM tools like **GitHub**.
* Extensively worked on **Jenkins** for continuous integration and for End to End automation for all build and deployments.
* Building the **CI/CD** pipeline for the Java micro services applications.
* Creating Build jobs, Plugins installation, and management and setting up **Master/Slaves in** Jenkins.
* Experience in using **Nexus** Repository Manager for Maven builds.
* Expertise in deploying the code through web application servers **Apache Tomcat.**
* Good Experience in **Docker** like creating **Docker Images** and **Docker Containers.**
* Focused on **containerization** and immutable infrastructure. Experience on clustering and container management using **Docker** and **Kubernetes**.
* Hands on Experience with core concepts such as setup, Inventory, Playbooks, Roles, Tasks and Modules in **Ansible.**
* Amazon Web Services (knowledge in **AWS** services like **EC2, S3, EFS, VPC, ELB, ECS, EKS, ECR, Autoscaling and IAM** etc.
* Good working Knowledge with **Agile** Product Development methodology.
* Primary responsibilities include Build and Deployment of the java applications onto different Environments like **Dev**, **Pre-Prod** and **Prod**

# Technical Summary (Tools)

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| --- | --- |
| Operating Systems:  | Unix 18.04, RHEL 8, Windows 2008/2012/2016  |
| Versioning Tools:  | GIT, GitHub |
| CI Tools:  | Jenkins  |
| Build Tools:  | MAVEN  |
| Infra Management Tools (IAC):  | Terraform, Packer  |
| Scripting:  | Python (BOTO3), PowerShell (Basics)  |
| Cloud:  | AWS  |
| App Servers:  | Apache Tomcat  |
| Configuration Management:  | Ansible  |
| Artifactory Repository:  | Nexus and JFrog Artifactory  |
| Containerization:  | Docker and Kubernetes |
| Monitoring Tools:  | ELK, CloudWatch  |
| Virtualization:  | VMWare, Hyper-V  |
| Ticketing tools:  | Remedy, Service now  |
| Cross skilled in:  | ITILv3  |

# Professional Experience

Worked as System Administrator at DXC Technology, Hyderabad from SEP 15, 2015 to March 1st 2019

Worked as System Analyst at NetEnrich Technologies, Hyderabad from March 14th 2019 to May 5th 2020.

Currently working as Software Engineer II at JivaInfotech, Hyderabad from July 20th 2020 to till date.

# Devops

* Used **Terraform** to automate AWS server deployments and Infra provisioning (EC2, VPC, S3, RDS, ELK, Route53, EBS, IAM etc.)
* Jenkins continuous integration server installation and configuration for all GIT Repositories.
* Having good experience with installing Jenkins plugins based on requirement.
* Automating the Build process using **Git** and **Maven**.
* Used Maven for building the artifacts and administered the Maven Build scripts.
* Configured Git with **Jenkins** and scheduled jobs using **Poll SCM** option.
* Automated application packaging and deployments.
* Automated the Build Process using Jenkins and handled complete Build and Release process including code, documentation and supporting testing team along with the server administration.
* Managed Linux staging and testing environments.
* Uploading the artifacts into Nexus repository.
* Responsible for the set up and ongoing builds in Jenkins and installing plugins in **Jenkins** as per project requirements.
* Hands on experience with core concepts such as setup, Inventory, Playbooks, Roles, Tasks and Modules in **Ansible**.
* Tracking of all build related bugs using ticketing/bug tracking tool **SERVICE NOW**.
* Troubleshoot deployment issues in the **Dev**, **QA** and **UAT** environments.
* Having exposure to **AWS Code pipelines**, **GitHUB actions.**

# VMware

* Administration and Trouble Shooting of ESXI Servers and Virtual center.
* Health Check for VMs and ESX host and creating data store, performing v-motion, sv-motion and knowledge on HA, DRS in vSphere.
* Addition of Disks, CPU, and Memory as requested from VCD.
* VM configuration (CPU, Memory, Disks & Network).
* Expertise on Cloning, Snap Shots.
* Knowledge on Configuring & troubleshooting issues like host and servers not responding, host disconnected from the VC.
* Adding, Deleting and checking unauthorized Administrator access in vSphere.
* Adding and modifying the roles from VCenter level.
* Placing the servers and blades in maintenance mode.
* Pulling the utilization reports from the VCenter for the VMs and blades.
* Having basic knowledge on cluster servers and UCS.

# Education

 AANM & VVRSR Diploma College (ECE)

 Diploma in ECE (Electrical and Communication Engineering) with aggregate of 91% **2012-15**

 Kalanjali Vidyanikethan (EM) High School, Pedana, SSC

 Secondary School Education in Kalanjali Vidyanikethan with 9.7 GPA **2012**

# Personal Profile

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| --- | --- |
| Date of Birth:  | 5th Nov 1996  |
| Marital Status:  | Unmarried  |
| Current Location:  | Hyderabad, Telangana  |
| Languages Known:  | English, Telugu and Hindi  |

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# Declaration

I hereby solemnly affirm that all the information furnished by me is true to the best of my knowledge.

**Date: (Challa Meghana)**