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**Experience Summary:**

As a ‘Lead I - Senior Engineering’ having around 7 years of specialized experience in DevOps with Azure, Azure DevOps, ARM Templates, AWS, Linux, Jenkins, Bit Bucket, GIT, Nexus, SonarQube, Ansible, Docker and Nagios.

**Technical Experience:**

* Setting up the infrastructure for Jenkins, Git, Bit Bucket, Nexus, SonarQube for Code delivery.
* Creating and managing Bit Bucket and Git Hub for creation of repositories and provide the access to the developer team.
* Setting up the Kubernetes Cluster on Azure (AKS) using PowerShell with ARM templates.
* Creating Azure pipelines (CI CD) to provision the infrastructure with infrastructure as a code.
* Experience on managing the Kubernetes cluster in Production environment.
* Setup and managing the vault for securing the passwords.
* Good knowledge on creating and managing multi branch pipeline in Jenkins.
* Experience in writing the custom ARM templates to provision the Azure Services.
* Manage the Azure Devops tool for creating policies and define the branching strategy to closely work with development team.
* Strong experience in creating CI jobs through Jenkins.
* Creating jobs and pipelines in Jenkins to run the CI/CD delivery.
* Running Jenkins CI jobs to send the artifacts to Nexus machine.
* Installation and configuration of Nagios monitoring tool.
* Creating Playbooks to deploy the code into the environments.
* Containerizing application using Docker.
* Good knowledge on writing Docker files and executing the same in all environments.
* Worked on Jenkins pipeline as a code for deployment.
* Good experience in Managing AWS services like EC2, VPC, S3, EBS, RDS, ELB, IAM, SNS, Autoscaling, CloudTrail and CloudWatch.
* Experience in creating VMs in Google cloud.
* Good Experience in Managing Azure Services Blob Storage, Logic Apps, Service Bus, HDInsight Clusters, ADLS, AAS.
* Good knowledge on configuring Vnet, Resource group and storage account in Azure.
* Configure security and network access on Amazon Instances with NACL’s, Security Groups and SSH Key pairs.
* Good knowledge in securing AWS account by restricting the access with IAM Policies.
* Experience in configuring and maintaining web servers like Nginx and Apache.
* Installation and configuration of Linux and Windows operating systems.
* Experience in Red Hat Linux, CentOS, Ubuntu and Windows operating systems.
* Automation of Backups by using Cronjob.
* Extensive knowledge on User and Group Administration.

# Ticketing Tools:

* Atlassian JIRA

# Education Qualification

 B-Tech with the specialization of Electronics and Communication Engineering from JNTU.

**Professional Experience**

* Working in UST Global as Systems Analyst from July 2019 to till date.
* Worked for Harman Connected Services Technologies Pvt Ltd as Associate Engineer –

Product Support from July 2017 to July 2019.

* Worked for NetEnrich Technologies Pvt Ltd., as support Engineer from Feb 2016 to June 2017.
* Worked for Borderless Mind Technologies Pvt Ltd as a “Application packaging Engineer” from sep-2013 to Aug 2015.

**UST Global Job Profile:**

* Experience on managing the Kubernetes cluster in Production environment.
* Working on QA, UAT, PROD deployments based on Business requirements.
* Creating change request tickets for the PROD deployments and working with respective teams for getting the prod change approvals.
* Good exposure on Jenkins pipeline lifecycle management.
* Creating ARM (azure resource manager) templates for provisioning the Azure services as IAC (infrastructure as code).
* Creating and customizing the ARM templates as per project requirement.
* Creating ARM templates for creating monitoring alerts for the services like ASA, Cosmos, Event Hub, IoTHub, xMatters, Application Insights, URL availability alerts etc. and create a new CI CD pipeline for configuring in all the environments.
* Creating CICD pipeline in Azure DevOps portal by using required tasks.
* Encrypting the sensitive information in Azure DevOps pipelines.
* User and Group administration in Azure DevOps Projects.
* Strong Experience in create the Kubernetes cluster using Kubeadm/Minikube tools.
* Creating and managing the ACR private registry for storing, pull and push the application.
* Creating and managing the containerized application through AKS service.
* Working on Jenkins pipeline as a code for deployment.
* Strong experience in creating CI jobs through Jenkins.
* Good knowledge on Node server mechanism in Jenkins.
* Creating Playbooks to deploy the code into the environments.
* Containerizing application using Docker and Docker File.
* Good knowledge on writing Docker files and executing the same in all environments.

**Harman Job Profile:**

* Setting up the infrastructure for Jenkins, Bit Bucket, Nexus, SonarQube for Code delivery.
* Managing Bit Bucket for creation of repositories and provide the access to the developer team.
* Creating jobs and pipelines in Jenkins to run the CI/CD delivery.
* Good knowledge on deployment using Service manager.
* Working knowledge in creating virtual machines in Azure
* Good experience in creating blob storage accounts in Azure.
* Working knowledge on configuring Vnet in Azure.
* Good experience in creating and managing containers through Docker.
* Launching and configuration of new machines in cloud for client applications.
* Good knowledge on EIP, Subnets route tables and Nat gateways in VPC.
* Securing the Instances by allowing traffic only from the trusted IP/IP ranges.
* Implemented & configured CloudWatch, Nagios & Opsview monitoring tools.
* Setup the monitoring alerts based on severity in Nagios Monitoring.
* Blocking the IP/IP range at subnet level that cause DDOS attack by using NACL.
* Extensive knowledge on AWS S3 service.
* Tracking the user’s activities through Cloud front service.
* Done POC on Azure Devops for creating CI/CD pipeline setup in recent days.

**NetEnrich Job Profile:**

* Installation and configuration of Linux and Windows operating systems.
* Monitoring, troubleshooting the performance related Events like Disk utilization, HTTPS, Website down, Load Average, Free memory, CPU Usage, Processes, Swap Memory etc
* Experience in Red Hat Linux, CentOS, Ubuntu and Windows operating systems.
* Automation of Backups by using Cronjob.
* Extensive knowledge on User and Group Administration.
* Implementation of user security with SUDO.
* Configuring and managing YUM repository server and clients. Also installing and updating Linux packages through YUM.
* Good Knowledge in launching and managing EC2 instances and RDS instances.
* Extensive knowledge on volumes, snapshots, AMI and security groups.
* Good knowledge of implementing Elastic Load Balancer and Auto scaling group.
* Knowledge on Shell script.
* Good knowledge of using S3 calculator.

**Borderless Mind Technologies: -**

* Worked on Application Packaging using **Install Shield** and **Wise Package Studio.**
* Having experience on **Application Virtualization (App-V 5.0 SP2).**
* Good knowledge on **connection groups**.
* Having good knowledge on **ACE** **tool (App-v configuration editor).**
* Have Good knowledge on **PowerShell commands** Usage in App-V 5.0.
* Doing Tech review of the Vendor application.
* Creating packages **(.MSI)** and Transforms **(.MST)** using Admin Studio and Wise Package Studio based on requirements.
* Creating **Custom Actions** MSI packages using **VB/Wise** scripting.
* Used third party tools viz **Procmon** and **Picture Taker** as part of troubleshooting.
* Apply **Patches** (**.MSP**) for vendor given MSI.
* Edit the tables using **ORCA** tool and validate the **ICE** errors.
* Extensively worked on **Active Setup** Concept.
* Giving **Permissions** using **SetAcl.**
* Interacting with colleagues to resolve their issues and troubleshoot their applications.

**Declaration:**

 I hereby declare that the above information is true to the best of my knowledge.

 K Prudvi Raj