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## **PROFESSIONAL SUMMARY**

* 3+ years of experience in IT industry having strong skills in **Microsoft Azure** with Power Shell Script
* Experience in installation and configuration of **Active Directory.**
* Experience in incident management, change management and problem management.

***Azure Cloud Responsibilities***

* Managing entire Azure infrastructure services
* Automated ARM resource creation using ARM templates
* Responsible for creation and management of various Azure IAAS services
* Creation of Azure NIC, Azure Virtual networks, Azure VM's and provide access users
* Creation of PowerShell scripts and add as extensions while creating VMs
* Responsible for creating Network Security Groups and add inbound rules for various ports like RDP (3389), to allow access only from private network address prefix to provide utmost security
* Write PowerShell and schedule to shutdown virtual machines during off business hours
* Create storage accounts for dev & QA teams for their application development and testing purpose
* Create ARM templates to reuse similar deployment with some standard configurations and naming conventions
* Create PowerShell scripts to deploy ARM templates with Parameter templates
* Create and Manage Azure SQL database, Azure Service bus
* Evaluation Azure VMSS to auto scale up and scale down Azure vm workloads
* Responsible for set up Traffic manager for some of the critical application across geography
* Helps other team members to write PowerShell script to automate various services creation and management in Azure
* Create PowerShell script to manage multiple subscriptions in Classic portal using publish settings file
* Create PowerShell script to manage multiple subscriptions in ARM portal using Azure AD principals, since ARM portal does not support publish settings file
* Create users in Azure AD from Portal as well as form Power Shell
* Migration of Azure vms from Classic portal to ARM portal

## **EDUCATIONAL EXPERIENCE**

* I have Completed my B. Tech in 2015 from KHAMMAM INSTITUTE OF SCIENCE AND TECHNOLOGY affiliated by JNTUH

## **PROFESSIONAL EXPERIENCE**

Worked as DevOps Engineer & Release Engineer Support in IBM from July-2017 to till date.

## **Professional Accomplishments**

**TECHNICAL SKILL SUMMARY:**

* Version Control systems  **:**GIT, Subversion.
* Build Automation  **:**Maven,MsBuild
* Continuous Integration **:**Jenkins, Hudson and Bamboo
* Code Analysis Artifactory **:**Sonarqube, Nexus.
* Web and Application Servers :Apache, Tomcat,Web sphere
* Databases **:**SQL Server and My SQL.
* Scripting **:** Shell scripting, XML.
* Operating Systems **:**Windows , Linux (REDHAT 6,7)
* Cloud Solutions **:**Azure,Aws
* Configuration Management **:**Ansible,Chef
* Container Technology :Docker,Kubernates
* Bug tracking :JIRA

## **PROJECT’s PROFILE**

* **1. Project**

Client : ATOS

Cloud Platform : Azure Cloud

Duration : NOV- 2017 TO JULY- 2019

**Role and Responsibilities:**

Responsible for designing and creating automated solutions for Microsoft Azure Infrastructure which includes Power Shell Run book/Workflow and ARM deployment templates.

* In Azure IAAS good understanding on Azure Virtual Machines, ARM, Azure Storage, Virtual Network, Availability Sets, NSG, Load Balancers, ASR, and Azure Extensions.
* Responsible for creation and management of various Azure IAAS services
* Creation of Azure NIC, Azure Virtual networks, Azure VM's and provide access users
* Designed and Implemented Solution using Power Shell Run book and ARM (JSON) Template to Create Virtual Machine (involves Windows and Linux) with options for Workgroup and Domain Join including the Network and Subnet selection along with the VHD placement.
* Developed Automated solution for Azure Storage Operations like Addition, Expansion and Deletion of VHD And Renaming of Virtual Machine on IAAS level as well as OS Level.
* Hands on knowledge on Azure Virtual Machines which includes the Peering between VNets, Site- to-Site Connectivity between VNets of two different Subscription.
* Implemented solution for Managed and Unmanaged Availability Set which includes operations like Creation and Deletion of Availability Set, Adding and Removing machine in Availability Sets.
* Basic knowledge and understanding on Azure Web Apps and Azure Site Recovery (ASR).
* automated various Azure IAAS operations like Start VM, Stop VM, Delete VM.
* Working closely with Lead Managers and handling Cloud Operations and Delivery tasks simultaneously apart from issues resolution.
* Creation of Power Shell scripts and add as extensions while creating VMs
* Responsible for creating Network Security Groups and add inbound rules for various ports like RDP, PS , Custom ports to allow access only from private network address prefix to provide utmost security
* Write Power Shell and schedule to shutdown virtual machines during off business hours
* Create storage accounts for dev & QA teams for their application development and testing purpose
* Evaluation Azure VMSS to auto scale up and scale down Azure vm workloads
* Responsible for set up Traffic manager for some of the critical application across geography
* Helps other team members to write Power Shell script to automate various services creation and management in Azure
* Create Power Shell script to manage multiple subscriptions in Classic portal using publish settings file
* Create users in Azure AD from Portal as well as form Power Shell
* Migration of Azure vms from Classic portal to ARM portal
* Migration of IAAS services like virtual network, network interface etc..
* **2. Project**

**Client : HARMAN**

Role : Devops Engineer

Duration : AUG- 2019 to till date

**Role and Responsibilities:**

* Focused on automation integration monitoring and configuration management.
* Streamlined applications delivery to get applications out to customers faster.
* Utilized SQL database systems.
* Interacted with supporting teams to understand client deployment requests.
* Coordinate with the Development, Database Administration, QA, and IT Operations teams to ensure there are no resource conflicts.
* Build, manage, and continuously improved the build infrastructure for software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment.
* Proactively seeks opportunities to implement improvements to internal development processes.
* Experience on Version Control Management systems GIT.
* Branching and merging strategies for agile scrum projects.
* Create infrastructure in Azure by creating Virtual network and subnet configuration with different cidr ranges to get high availability.
* Create network security groups and provide endpoints, routing tables to provide the inbound and outbound security.
* Automate the environment with Ansible.
* Azure ci/cd pipeline designing with the help of webapp services.
* Schedule the backups and application insights to monitor the environment
* Configure deployment slots to deploy web applications by usingazurewebappservices.
* Create and configure Sql servers in azure and migrate on-premises Sql databases to cloud
* Configuring Azure Load Balancers (Layer 4 and Layer7) to handle the inbound traffic.
* Configuring the virtual machines in azure based on development requirements
* Experience in middleware tools administration Apache tomcat and Microsoft IIS
* Involved in environment setup on windows and Linux.
* Managing the repository access management, resolving the access issues, mentoring the Development teams, repository migrations and repository backup management.
* Worked on Conflict resolutions and Involved in code migration from Subversion to GIT.
* Defined the branching and merging strategies
* Experience in writing the build automation scripts for web application and enterprise jav
* Applications using PowerShell. Managing the binaries using tools nexus and Integrated with MSBUILD and TeamCity as part ofContinuous integration process.
* Worked on Continuous Integration orchestration engine TeamCity setup and configuration.
* Implemented continuous integration using Jenkins.
* Created repositories according to the structure required by the project needs.
* Analyzed and resolved conflicts related to merging of source code for SVN.
* Attended sprint planning sessions and daily sprint stand-up meetings. Utilize Jira for issue reporting, status, and activity planning.
* Educate and mentor the engineering team on the organization’s build systems and processes.
* Extensively used Maven tool to do the builds.
* Integrated Maven, Jenkins for the builds as the Continuous Integration process.
* Build Java code in different Jenkins servers as per the schedule.
* When required applied patches as per the release process.
* Reported to a DevOps Manager, who will coordinate with teams outside of the development group.
* Inputs to planning and estimation for configuration and release management activities.
* This involves exploring new tools and plan for release & configuration management
* Process designing and implementations.
* Co-work with the globally distributed Development team to fix the build related issues.
* Create and maintain scripts for automating common activities.
* Conducting or supporting the deployment of software releases into development and test environments, troubleshooting release package, and deployment procedure or environment configuration issues.

**Declaration**

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

Pradeep Chava