**M. Sai Kiran**

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**Professional Summary:**

* Having 7 Years of IT experience in which 3+ years exclusive experience in Azure Cloud, Azure Devops, Configuration management, Infrastructure automation, Continuous Integration and Delivery (CI/CD).
* Good experience working with IaaS services like VMs (Virtual Machines), Load Balancer, Storage.
* Implemented PaaS services like Azure SQL Server/Db, Azure Apps Service, Application Gateway, WAF, Traffic Manager, Key Vault.
* Hands on experience on Backup and restore Azure services and in Design and configure Azure Virtual Networks (VNets), subnets, Azure network settings, DHCP address blocks, DNS settings, security policies and routing. Azure cloud services, Blob storage, Active directory, Azure Service Bus, Cosmos DB.
* Expertise in Azure Scalability and Azure Availability - Build VMs availability sets using the Azure portal to provide resiliency for IaaS based solution and Virtual Machine Scale Sets (VMSS) using Azure Resource Manager (ARM) to manage network traffic**.**
* Good knowledge on containerisation and Kubernetes.
* Good knowledge in using Terraform for infrastructure as code.
* Good Knowledge on Ansible and chef tools for configuration management.
* Good experience and understanding of Networks and networking concepts – CIDR notations, VNets, Subnets, NSGs (Network Security Groups), ASGs (Application Security Groups), Route Tables, Subnet Gateway, Service-Endpoints, VPN Gateway (P2S (point-to-site) and S2S (site-to-site)).
* Created the CI/CD Pipeline in Azure DevOps for the .net, and UI based Web Applications.
* Automated WebApp deployment using Azure DevOps Pipelines.
* Designed Network Security Groups (NSGs) to control inbound and outbound access to Network interfaces (NICs), VMs and subnets Configured and scheduled backups for Azure SQL Db’s, attached Storage volumes for VMs.
* Creation of Repos and managing files in repos for Build & release, managing of Version control for the application.
* Managing of Artifacts in release management and creating on Pipeline variables and variable groups.
* Implemented high availability in Azure Service Manager and Azure Resource Manager Deployment models.
* Administration and Implementation of Azure Backup Vault for VM Level Backups and File and Folder Backups.

**Education Details:**

* Bachelor of Technology from Jawaharlal Nehru Technological University, Hyderabad in 2013.

 **Professional Experience:**

* Currently working as Azure Devops Engineer in HCL Technologies from Oct-2016 to till date.
* Worked with Tech Mahindra as Technical Support Engineer from Jan-2015 to April-2016.
* Worked with Genpact as Associate from Apr-2014 to Jan-2015.

**Technical Skills:**

* Cloud Technology : Microsoft Azure (IAAS, PAAS)
* Azure Services : Virtual Machines, Virtual Networks, Web Apps, VPN Gateway, DNS,

Application Gateway, Load Balancer

* Cloud Security : Azure Network Security Group’s
* DevOps Tools : Azure DevOps, GIT, ARM Templates
* Identity &amp; Access Management: Azure Active Directory
* Data Storage : SQL Database, Azure Storage (Blobs, Tables, Queues Files and Disks)
* Databases : Oracle 9i,10g,11g , 12c ,18c and 19c

**Project #1**

Client : Meritor, NC

Technologies : Azure PaaS, Azure IaaS, Azure Devops

**Responsibilities**

* Creating and configuring webapp’s with Build Pipeline's and Release Pipelines.
* IaC using ARM Templates for PAAS Services Automation
* Configuring the CI and CD Pipelines for different Environment's
* Git for Version Control system.
* Created and maintained several build definitions and publish Artifacts to handle automated builds in an Agile / SCRUM environment.
* Key Vault Configuration for storing the certificates, Secrets.
* Involved in monitoring the process and making daily reports on performance of process.
* Taking care of Deployment as Release Admin, post deployment conditions and Gates
* Creating the vaults and Secretes and certificates from Key vaults.
* Involved in VM deployments using Azure Portal, ARM Templates and PowerShell commands.
* Configuring the Variable groups for Build pipelines
* Involved in AKS set up and deploy the code in Azure using AKS.
* Created Test plans (Manual and Automation) and Test Suites for different Process (Basic and Agile)
* Infrastructure deployment automated using the ARM Templates.
* Worked on Implementing the End-to-End DevOps

**Project #2**

Client : Kimberly Clark

Role : Cloud Administrator

Environment : Azure DevOps, Hybrid PaaS Deployment

**Responsibilities**

* On premise to Cloud Migrations using Microsoft recommended tools & shell scripting – Manual Migrations.
* Writing ARM templates to deploy multiple resources in azure to reduce human effort.
* Configuring CI/CD in Azure Devops.
* Troubleshooting deployment issues using Azure PowerShell.
* Webapps deployment using ARM template, portal and PowerShell.
* Automating the current IT cloud infra with new Strategy by writing PowerShell scripts
* Configuring DR for on prem infra using Azure Site Recovery.
* Replication of Azure vm’s using Site recovery for DR scenarios.
* Migrating Servers from On-premises to Azure Cloud Migration using MVMC tool (Microsoft Virtual Machine Converter)
* Migrating on-premises data to azure storage using PowerShell, Az-Copy & Storage Explorer
* Troubleshooting deployment issues using Azure PowerShell.
* Configuring Azure automation runbooks to automate the cloud infrastructure and to reduce cost of the resources.
* Webapps deployment using ARM template, portal, and PowerShell.
* Configuring Custom domains and SSL certs for app services. Monitoring the azure apps using application insights.
* Troubleshooting Azure Storage and VM performance (CPU, Memory, Network) issues
* Expert in diagnosing VM agents and Extensions related issues.
* Hands on experience on Adding Multiple NICS to Azure Virtual Machine.
* Hands-on experience in VM deployments using portal and PowerShell.
* Hands experience on Azure automation by creating Run books and scheduling jobs.
* Hands-on experience on troubleshooting Azure File share issues.
* Assisting client with Data migration Across Storage Accounts and also from on premise – Azure.
* Installation, Configuration, and administration of Windows Servers.
* Performing Health Diagnostic Tests and working on Reported Errors with Proper CRs.
* Analyzing the Performance Reports and Managing Resource Allocations Including CPU, Memory, and Disk Space as Required.
* Assisting on VM Metrics in Portal
* Migrating data from one region to another region or Migrating the data from one Storage account to another

**Project #3**

Client : Land O Lakes

Role : Azure DevOps Engineer

Skills : Continuous Integration/Continuous Delivery PowerShell, Docker, Windows.

**Responsibilities:**

* Preparing the recovery services vault and finalize the azure resources.
* Installing mobility agents on client machines and enable replications.
* Virtual Machine deployments in ARM as per the Client Requirements.
* Administration and Implementation of Azure Backup Vault for VM Backups, File and Folder Level Backup.
* Administering and monitoring Azure infrastructure.
* Azure Subscription Management.
* Network Security and Connectivity.
* Identity Solution.
* Good Experience on Implementation and Integration of on-premises active directory to Azure Active Directory.
* Configuring cluster for Load Balancing and for High Availability.

**Project #4:**

Client : Central Operations Team

Role : Central support Engineer

Skills : Data Management, Project Management, Portfolio Management.

**Responsibilities:**

* Published Utilization report to all the Delivery Teams for entire LOB.
* Published RAS report to all the Delivery Teams for entire LOB.
* Published Project Expiry report to all the Delivery Teams for entire LOB.
* Tracking Unbilled Resources within Entire LOB
* Tracking Project Expiry and presenting the GAP Analysis to the management to confirm of any shortfall.
* Keeping track of the overall Head Count of all the new hires for all the regions.
* Managing the hires/extension for Sub – Contractors for the billable requirements when there are no resources available in the Resource Pool.
* Responsible for tracking & maintaining project financials.

**Project #5:**

Client : GSK (GlaxoSmithKline)

Environment : Oracle 10g,11g,12c on LINUX, AIX, SOLARIS, WINDOWS

Tools : Putty, Remedy, Chameleon, Zero Touch, Patrol, ASTON, PANDORA, Toad

Description : We are the part of GSK Global Database hosting operations Sysdba project (24/7).

**Responsibilities:**

* Administrating and Maintenances of 24\*7 production Databases.
* Installation and configuration of Oracle 10g/11g databases.
* Experience in working on different severity level tickets and escalated client requests.
* Responsible of handling L1 &L3 activities related to oracle databases that include installation, configuration, monitoring, maintenance, patching, backup & recovery on a day-to-day basis
* Creation of users, granting accesses permissions to users using roles and appropriate privileges.
* Logical backups using Data Pump, IMPORT and EXPORT utilities.
* Resolved table space related issues by resizing the data files, adding new data files.
* Managing and monitoring OS level spaces, table spaces, data files, redo logs files and maintaining Indexes.
* Monitoring Database Activities, Checking for Tablespace Availability, Checking the Alert Log File for errors.
* Performed database refreshes from prod to other non-prod databases using data pump utility and RMAN
* Performed Active Cloning in same server.
* Recovery of database in case of database crash, disk/media failure, etc.
* Monitored daily Backups and remediated backup failures in case of any errors.
* RMAN Clone from prod to test environment.
* Data Guard configuration to create standby database.
* Set crontab entries for scheduling daily jobs.
* Working on ASM and RAC Databases.
* Responsible for 24/7 support of production databases.
* Migrating database from different operating system
* Direct interaction with development team and client partners on daily basis to resolve the issues.
* Working with online (development) team to resolve online issues within SLA
* Worked with Clients from US, UK, Middle East, Poland, Japan, Malaysia & France.

**Project #6:**

Client : Google AdWords

Role : Process Associate

**Responsibilities:**

* Used Google’s ticketing systems to manage and process support actions and requests.
* Described solutions to customers to assist in problem resolution.
* Submitted service tickets for equipment maintenance requests.
* Managed high levels of call flow and responded to technical support needs of customers.
* Patched software and installed new versions to eliminate security problems and protect data.
* Increased sales by educating prospects on benefits of products and services in comparison to competitors.
* Wrote and reviewed tickets to request maintenance to various types of equipment.