**Name: K Suresh kumar**

***Cell NO****: 8008534367, HYD*

**E-mail: ksuri.kumar123@gmail.com**

# Career Objective:

I am seeking a competitive and challenging environment in the field of Microsoft Azure administration where I can serve your organization and establish a career for myself.

Azure Professional Summary

* Having around 2 years of experience in Microsoft azure environment
* Implemented high-availability infrastructure architectures in an Enterprise and Cloud environment adhering to DR, Business Continuity, and availability as per best practices.
* Hands On experience of Azure VM Creation/Deletion/Modification.
* Designed Network Security Groups (NSGs) to control inbound and outbound access to network interfaces (NICs), VMs and subnets.
* Hands on experience of Azure virtual networks, subnets, VNET-VNET peering, P2S VPN, S2S VPN, service endpoint and security group.
* Good knowledge on azure load balancers, Traffic manager and application gateway.
* Good Knowledge for Azure Subscriptions.
* Good Knowledge on creating high Availability VM’s (i.e) availability zones and availability set.
* Good understanding of Azure Storages and disks (managed disks and unmanaged disks).
* Experienced in Azure IAAS and PAAS services, Provisioning VM’s, Virtual Hard disks, Virtual Networks, reserved VIP, Azure AD, Traffic Manager, Application Gateway, Load Balancers, Cloud Services, deploying Web Apps and creating Web-Jobs.
* Good experience of Azure Administration Tasks & Troubleshooting on Azure Service. Understanding of virtualization management and configuration.
* Hands on experience in creation of Virtual Environments using ARM templates and terra-form.
* Knowledge on creating reusable images using packer tool.
* Good interpersonal and communication skills along with strong problem solving and planning skills, with ability to work independently or in a team environment.
* Good knowledge on azure backup services both Azure-to-azure and azure-to- on-premises.
* Experience in azure monitoring, VM metrics, alerts and [Azure Log Analytics](https://docs.microsoft.com/en-us/azure/azure-monitor/platform/agent-windows).
* Good knowledge on Application Insights both application services and virtual machines
* Hand on experience creating azure resources with azure cli and azure power shell.
* Good knowledge on site recovery and replication.
* Implemented metadata management for complete IT infrastructure on Azure Cloud.
* Experience on azure migration from on-premises VM’s and non-virtual machines to azure
* Understanding and ability to promptly diagnose and related problems and failures.
* Experience in design and deployment of Azure MFA (Multi-Factor Authentication).
* Familiarity with Power Shell or any other form of scripting and automation.
* Working knowledge of Microsoft Azure Active Directory.
* In-depth knowledge working with and managing Git (Github)
* Demonstrated Cloud Engineering skills on the Microsoft Azure platform
* Prior experience using automation tools (ARM, Powershell)
* Hand on experience in delivering container based deployments using Docker.
* Having knowledge on Docker Networking
* Having knowledge on Docker Clustering using Swarm
* Working with developers to identify necessary Azure resources and automate their provisioning

# **Professional experience:**

**PAST experience**:

1. 3 **Year** of Experience as O&M, &Network Engineer in **Tata Communication and Transformation service.**

**2.** 1 **Year** of Experience as AZURE admin in **Tata Communication and Transformation service.**

**Present experience**:

1. **8 months of** Experience as AZURE admin in HCL Technologies.

# **Roles & Responsibilities**

* Working with multiple technical teams, architects, security officers, managers and business users, reviewed and documented workloads, system dependencies and business requirements.
* Mapped workloads to the capabilities of Microsoft Azure for public, private and hybrid clouds.
* Working with Development Team to manage the Azure environment.
* Configure the Cloud Management service, and to monitor and manage the services.
* Monitoring performance on all environments (CPU, disk space, etc.) to ensure smooth running of all environments.
* Provisions and management of instances. Re-Creation of instances using PS, Scale UP / Down of VMs. Changing Cloud Service with minimal Downtime. Removal and Deletion of VMs. RDS setup and configuration.
* Exposed Virtual machines and cloud services in the VNETs to the Internet using Azure External Load Balancer.
* Responsible for Servers Health Check and performance monitoring for all the Window servers.
* Monitoring the virtual machines w.r.t activity logs, metric, alerts and log analytics.
* Monitoring the health probes of Load balancers and VM’s
* Monitoring azure backup jobs and backup schedules.
* Deploying, monitoring, managing and scaling workloads on Azure Resource Manager (ARM) virtual machines (VMs).
* Deploy the infrastructure using ARM templates and terra-form
* Managing the existing resource using AZURE CLI and AZURE power shell
* Query the azure resource using azure JMES path
* Monitor requests and key metrics for cloud resources.
* Monitoring the azure Virtual networking using network watcher.
* Creating ARM templates according to customer requirements.
* Creating customized images using packer.
* Azure Storage account creation and managing with azure storage explorer.
* Restrict the storage accounts to virtual networks using service end points
* Working Network security group and managing inbound and outbound rules
* Working on azure IAM policies and RBAC
* Protecting the VM’s using azure backup services.
* Secure the VM’s with [Just-in-time access](https://docs.microsoft.com/en-us/azure/security-center/security-center-just-in-time) and key vault.
* Configuring Virtual Networks, designing and implementing multi-site or hybrid network connectivity
* We can create a template that defines deployment and configuration for an application. Based on the ARM template
* Designing VM deployments by leveraging availability sets, fault domains, and update domains in Azure.
* Experience in integrating on premise active directory with Azure active directory.
* Experience in developing solutions with Azure active directory
* Experience in AD migration

Configure highly available, scalable and redundant systems on the Azure Platform

* Manage containerized services running in Azure Kubernetes Service
* Work with the Operations and Product Development teams to automate deployments and support production systems
* Experienced with Azure SQL, Azure Automation, and Azure Resource Manage
* Familiarity with Azure Resource Manager, Terra-form and JSON templates
* Creating and documenting disaster recovery plan.
* Working with development team and key stake holders to create plan for monitoring Azure resources.
* Experience in architecting infrastructure solutions using both Linux/Unix and Windows with specific recommendations on server, load balancing, HA/DR, & storage Architectures.
* Administer and provide day to day engineering and operational support for the Azure environment.
* Build, release and configuration management of production systems.

.

* Exposure to containerization tools such as Kubernetes, and Docker

# TECHNICAL SKILL

|  |  |  |
| --- | --- | --- |
| **Microsoft Azure** | **Compute** | Virtual Machines, Virtual Machine Scale Sets, High availability set , Container Instances, Load Balancers, SQL server on virtual machines |
| **Networking** | Virtual Network, Virtual subnets, VNET-VNET peering, VPN Gateway , service end points azure firewall ,Traffic manager and application gateway |
| **Storage** | Disk Storage, Blob Storage, Archive Storage, File Storage , Managed disks, unmanaged disk and azure storage explorer |
| **Identity** | Azure Active Directory, Azure Active Directory B2C & B2B , RBAC and Azure Active Directory Domain controller Hybrid Active directory |
| **Containers** | Azure Kubernetes Service (AKS), Azure Container Instances and Azure Container Registry |
| **Azure Backup** | Backup for vm, data disks, on-premises folders |
| **Azure migration** | Azure Migration ,Azure site recovery, Azure database migration, on-premises vm migration and windows AD migration |
| **Azure Rest api** | Azure portal, azure cli, azure power shell and ARM templates |
| **Devops** | Packer, Terraform, Docker & Kubernetes, Azure container services and Jenkins | |
| **version controller** | GIT | |
| **Networking** | CCNA basics , IP planning, subnetting concepts, VPN,NAT, and Routing | |
| **OS** | Windows, Linux, Ubuntu, Redhat | |

# **Education Qualification:**

* **B.Tech (Bachelor of Technology)(12+4) in Electronic Communication Engineering** from ‘JNT’ University, Anatapur, A.P. 61%
* **Intermediate (10+2)** from Board of Intermediate Education, A.P.84%
* **10th from** Board of Secondary Education, A.P.69%

# **Personal Information**

**Name :** K SURESH KUMAR

**Father’s Name** : K Chinnappa

**Sex :** Male

**Date of Birth :** 01/07/1992

**Marital Status :** Single

**Nationality :** Indian

**Languages Know :** English,Hindi, andTelugu,

# Declaration:

The personal and work experience details which I have given above are true to the best of my knowledge which I believe can give fruitful growth to my career path.

Date:

Place*:* **Suresh kumar**