**RESUME**

**SOMA VISHNU KOWSHIK *Email:vishnukowshik@outlook.com Mobile*: +91-9010101025** / **9515660035**

Looking forward to a challenging and competitive work atmosphere leading to a professional experience with a dynamic and progressive organization where my skills, talents and abilities will be utilized to the fullest for mutual benefit.

* Good knowledge in Cloud and Server Administration.
* Good knowledge in Server Virtualization.
* Work with VMware, Microsoft Products.
* Installing and Administrating Desktop and Server Operating systems.
* Configuring AD services and fetchers.
* Installing Managing ESXi Servers, Hyper-V Servers, XEN Servers.
* Installing and Deploying Virtual Machines in Host Servers.
* Managing Host Servers using vCenter server, System Centre.
* Installing and configuring different types of Application Softwares.
* Managing day to day IT related activities.
* Familiar with Windows OS Family, Linux OS and Solaris.
* Configuring Physical and Virtual Storage Area.
* Configuring and Trouble Shooting Physical, Virtual Network Issues.
* Monitoring Performance Issues.

* **Server Virtualization Technologies:** VMware vSphere 5.x and 6.x, Hyper-V 2008 and 2012, PVC , Xen.
* **Cloud Technologies: AWS,AZURE,**VMware vCloud Director 1.0, 5.x., OnApp, Vmunify ,PVA , SCVMM
* **Storage Systems: HP3PAR(8440 4node),7000(2 Node),Dell SC9000(Storage Compellent),HUAWEI Ocean Store 5505,**EMC VNX 3100e, 5100, 5300,5700 DELL Power Vault MD Series3820i,3840F, 3200 I, 3600F, IBM DS Series, HP Smart Array MSA and P200I series
* **Backup Solutions:** Veeam Backup and Replication, VDP,CommVault.
* **Migration Tools:** VMware vCenter Standalone Convertor ,Hyper-v to vmware&viceversa
* **Virtual SAN Appliances:** Openfiler ,Open –e,Nexenta
* **Monitoring and Reporting Tools:** Veeam One Monitor, Vmware vCenter operation manager, Solar winds
* **Virtualization Technologies**: Experience in implementing and maintaining solutions on different Virtualization technologies Such as VMware, Hyper-V 2008 and 2012, PVC , XEN.
* **Scripting**: PowerCli,Python

**VMware:**

* Implementing and maintaining number of Datacenter customers on Shared and Dedicated VMware vSphere environment.
* Vast experience in deploying vCenter Environments for more than 100 enterprise Datacenter customers.
* Good working and troubleshooting knowledge on VMware V-Sphere 4.x, 5.x&6.x versions.
* Build, configure and deploy VMs through templates.
* Hands on expertise on vSphere Storage Appliance for SMB customers in Datacenter.
* Good Understanding on vSphere Replication product.
* Handling Backup tasks of entire Virtual Infrastructure using Veeam Backup and Replication ,VDP.
* Working knowledge on VMware vCenter Heart Beat for vCenter HA.
* Strong working knowledge on VMware update Manager.
* VMware SRM application Implementation, configuration & troubleshooting.
* Installing and configuring Vshield manager (End point & edge).
* Storage provisioning through ISCSI, FC, FCOE, NFS to VMware environment.
* VSAN
* VMware NSX Manager
* NSX Controller Cluster
* VXLAN:Logical Switch Networks
* VMware NSX Controller replication
* Routing Protocols Primer
* NSX Logical router
* NSX Edge services gateway
* VLAN-to-VXLAN bridging
* NSX Edge firewall
* NSX distributed firewall
* Role-based access control
* NSX data endpoint
* Flow Monitoring

**Hyper-V Server:**

* Plan, Design and Implement VM’s on Hyper-V Servers
* Hands on experience on deploying and integrating with SCVMM
* Strong working knowledge on Hyper-V Replication
* Good exposure on working with all available features of 2012
* Installing SCVMM for managing Hyper-V infrastructure.
* Creating Vfabric , clould ,virtual Networking , through SCVMM.
* Managing storage in the Hyper-V cluster environment.
* Performing Live migrations, server maintenance.

**Storage:**

* Good exposure in , Understanding the Design & Implementation of Storage Setup along with Daily Operational Activities on different storage Devices.
* Hands on experience on HP, DELL, IBM & EMC entry & mid Enterprise class devices.
* Knowledge on Storage Basics like Types of Drives, Speeds, RAIDs, IOPS, Penalties and etc.
* Good at Configuring RAID Groups, Hot spare drives, & Global Hot spares.
* Performance monitoring & Fine tuning the storage.
* Worked on different protocols like ISCSI, FC, SAS & DAS/NAS
* EMC VNX Series Architecture, Configuration and Installation
* Dell MD Series Architecture, Configuration and Installation
* IBM DS-series Architecture, Configuration and Installation
* HP MSA and P200I Architecture, Configuration and Installation
* Knowledge in configuring HARD & SOFT Zones in FC switch.
* Working knowledge on Brocade and Logic FC switches.
* Configured DELL, IBM, HP, EMC Storage for VMware HA/DRS clusters.

**Operating Systems:**

* Good knowledge on Windows OS (2008,2012)
* Good knowledge on Red hat enterprise Linux 6,CentoS
* Good experience on configuring & recovering RAID sets. RAID-0, RAID-1, RAID-5, RAID-6, RAID 10, RAID 01.
* Installing & Configuring Linux OS like Red hat, Centos, Ubuntu etc.
* Good trouble shooting skills on OS related issues.
* Intermediate knowledge on Mail servers, DB server (MSSQL).

**Networking Skills:**

* Good knowledge on L1, L2 & L3 devices.
* Can able to configure different vendor’s switches (Cisco, Dell, HP, D-link)
* Good level of using different protocols in switching (VLAN, LACP)
* Can able to understand L3 devices and their commonly used protocols.
* Good knowledge about network architecture.

**Cloud Operations:**

**1.VMWare vCloud Director :**

* Software Installation and Configuring vCloud Director Software
* Network isolated networks
* Network Pools
* Network Management
* Network Security
* Configure Basic Firewalls in vCloud Director
* Network Troubleshooting Methodology
* Configure VPN Tunnels in vCloud Director
* Configure static Routes in vCloud Director
* Consumable Resources
* Virtual Datacenters
* Resource Pools
* Organization and Provider Virtual Datacenters
* Configure and Manage vSphere resources
* Configure and Manage Cloud resources
* Create and Provision Organizations

**2.Microsoft Azure:**

* Good Knowledge on Azure Administration (IAAS).
* Worked on Point to Site VPN, NSG, Manage ACL.
* Worked on Azure Site Recovery V1 and V2 model considering all types of scenarios (Legacy and Enhanced) .
* Worked on Server Migrations (P2V and V2V) using MVMC, Vmware Standalone Convertor, Double take, rack ware.

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**HP 3PAR:**

* Adaptive Optimization (AO) – reporting and tuning.
* Performance considerations – including the effect of flash, compression and deduplication options.
* Configuration rebalancing.
* Reports, alerts and troubleshooting.
* Upgrading drives within a storage device.

**DELL SC 9000:**

* Worked on Array configurations.
* Tiering customizations
* RAID tiering
* Coexistence with PS Series arrays
* Application data protection

**1. CtrlS Datacenters Ltd. – Prinicpal Cloud Engineer** *(From Jan 2012 to Present),* **Hyderabad.**

 ***Roles & Responsibilities:***

* Providing Level 3+ Support on all Issues related to Virtualization Environment and Storage.
* Designining and Implementation New Technologies.
* Consolidation of physical environments in to virtual by working in liaison with the teams.
* Virtual Infrastructure Management: Installation, configuration, Administration, Maintenance & Troubleshooting.
* On Demand Private and Public Cloud Deployments.
* Providing Pre-Sales and Post Sales contractual support on Virtualization and Cloud solutions.
* Reproduce complex issues to identify any anomalies in the virtual infrastructure & working closely with solutions team
* Good exposure in SAN based virtualization solutions.
* Assist Solutions team in designing the Solutions based on virtualization
* Working on Ongoing and New Projects on Virtualization platform.
* Responsible for Manage, Maintain, monitor DR ON DEMAND, a complete DISASTER RECOVERY SOLUTION by CtrlS.
* Install, configure, Maintain DELL/IBM/EMC ISCSI/FC Storage Servers
* As a key Team player, responsible for grooming up the team members to attain good customer satisfaction by providing timely support.
* **BACHELOR OF - B.Tech Computer Science Engineering 07’-11’** *(Jawaharlal Nehru Technical University, Hyderabad)*
* Microsoft Certified Technology Specialist in Windows Server Virtualization.
* **AWS Certified Solutions Architect.**

*Date of Birth : 19-10-1989*

*Gender : Male*

*Marital Status : Single*

*Languages Known : English,Telugu,Hindi*

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 *P&T Colony,Dilsukhnagar,Hyderbad-500060*

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