KARTHIK REDDY

Hyderabad, India | Mobile: +919701692498| E-mail id: karthiikreddy@outlook.com

PROFILE

Virtualizations professional with 9+ years of IT experience with primarily focus on design, installation, configuration, troubleshoot and administration of enterprise-wide infrastructure solutions. Worked with cross-functional teams, clients & employees from diverse backgrounds & geographies including India, Saudi Arabia and United States of America.

AREAS OF DIRECT EXPERTISE

- Virtualizations Products
- AWS, Azure & GCP Cloud Services
- Veeam Backup & Replication

- Windows & Linux Servers
- Hyper Converged Infrastructure
- Active Directory, DNS, DHCP

- VSphere, ESXi, VMotion, DRS, HA
- Dell, HPE, Cisco Servers
- Dell Equallogic Storage

CURRENT EMPLOYMENT

Oct'20–Current   **Sr.Product Engineer | Tech Mahindra (Onsite Jeddah, KSA)**

- Hands-on expertise in VMware, ESXi, and vSAN, adept at managing datacenter environments and providing production support in a 24/7 shift environment.
- Direct Experience in Linux & Windows Servers, MS Exchange, AD, DNS, DHCP, File Servers, Firewalls, IDRAC, ILO, and other services.
- Direct Experience administering, managing, configuring in Dell, Cisco, HPE Simplivity, Dell Equallogic Storage, Veeam backup & replication, and Tape Backup.
- Extensive experience in managing and maintaining infrastructure products, including both physical and virtual servers.
- Skilled in system administration for both Linux and Windows environments, ensuring optimal performance, security, and reliability across platforms.
- Demonstrated experience in VMware ESXi, vCenter vSphere Suite Management, including patching and troubleshooting.
- Manage Windows, VMware vCenter, and ESXi Server environments, troubleshooting issues with hardware, software, and networking.
- Manage AD users, permissions, access, and storage allocations with best practices regarding privacy, security, and regulatory compliance.
- PowerShell and PowerCLI scripting, customized automations for daily operations and performance review in the Infrastructure environment.
- Proficient in troubleshooting complex VMware infrastructure issues, including performance tuning and capacity planning.
- Proven track record of successful VMware migrations, upgrades, and patching while minimizing downtime and ensuring business continuity.
- Deploying and managing infrastructure on both AWS and Azure cloud platforms, scalability, and cost-efficiency for diverse business needs.
- Experienced in deploying and managing infrastructure on Google Cloud Platform, including Compute Engine, Cloud Storage, and Cloud Networking.

PAST EMPLOYMENT

Oct'19 – Oct'20   **System Administrator | Stellartec Consulting (Riyadh, KSA)**

- Direct experience on VMware Vsphere 6 to 7 including other technologies such as Veeam Back up and Replication
- Proficient in Terraform (IaC) for automating cloud resource provisioning, enhancing deployment agility and repeatability.
- Direct experience on Windows Server Administration with DHCP, DNS, File Servers, Active Directory and other services
- Documented the diagnostics procedure and process documentation on troubleshooting and configuration
- Converted P2V servers using vCenter Converter stand-alone tools to provide a mission-critical production infrastructure
- Involved in migration project from Vsphere 6.0, 6.5 to vSphere 7.0 and complete Migration of VMs and Physical servers
- Resolved issues with the performance of CPU, Memory and Storage in VMware Infrastructure to evaluate correct allocation of resources
- Manage Updates and Upgrades of VCenter Servers, ESXi Nodes, Windows Servers & Linux Servers in the format n-1 versions.

Nov'18 – Jan'19   **IT Administrator | Raise Networks (San Jose, CA)**

- Gathering the requirements from the Product team and engineering team and creating the application as per the Team needs
- Developing and implementing security policies and processes to evaluate and manage risks associated with processing, and storing data
- Collaborate with engineers or software developers to select appropriate design solutions to ensure compatibility of system components
- Laptop and outlook support for associates. Deploy VMs as per the end user requirements.
- Writing Power Shell scripts for getting the active user's data in organization from Active Directory.
- Working with End users to enable Single Sign On for applications like Zoom, Zendesk and Wiki and Jira
- Provide technical guidance or support for the development or troubleshooting of applications

Jul'18 – Sept'18   **Server Technician | King Star Computers (Sunnyvale, CA)**

- Building 1U, 2U, 4U, 8U super server chassis assembly, Pallets and heavy loads of servers.
- Hands on experience with assembly Super Micro servers, Shipping and Handling Management from and to the customer.
- Heavy lifting of 40 lbs to rackmount super servers. Drop off and pickup Servers from & to customer location.
- Hands on experience with Stress Testing super servers after Assembly with Ubuntu Live CD.
- Hands on experience with Cabling, Sata Numbering, Hard drive racks, Network cards, RAM, CPU, SSD's installation.

Oct'16 – Mar'17   **Virtualization Trainings - Internship | Saitech Inc(Fremont, CA)**

- Training for VMware, Windows server, CCNA Networking Certification.
- Certification training for VMware Foundation course and training for VCP6-DCV.
- Certified for 2V0-V21 and VMware VCP6-DCV Data Center Virtualization in the year 2016.
- Experience with vCenter Server VCSA Vsphere 6.0 web client, creating and managing Snapshots, Templates, Cloning VMs, DRS, HA, FT, iSCSI Storage

Jan'11 - Nov'14   **Windows VMware Administrator | Onward Technologies Limited (Hyderabad,India)**

- Manage 45+ ESXi servers, 2008 R2 and 2012 with VSphere client while supervising 250+ VM servers.
- Provide 2nd level support including troubleshooting, administering and service restoration for Windows 2003, 2008 operating systems
- Worked on AD user and permissions, administration, group policies, file share permissions and Windows servers, DNS and DHCP
- Implemented server maintenance and patches in accordance with established IT policies and procedures
- Involved in Managing, Installing, and Supporting Windows 2008/2003 Servers, and VMware ESX Servers
- Performed migration and conversions of Windows and Linux based operating systems.
- Provided procedural recommendations on regular basis to optimize the utilization of virtual infrastructure.

EDUCATIONAL CREDENTIALS

- Master's degree in Computer Science at Northwestern Polytechnic University, California, USA - 2016
- Bachelor's degree in Information Technology at Jawaharlal Nehru Technological University, Hyderabad, India - 2010