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|  | |  |  | | --- | --- | |  | Edison, United States 08820 | |  | 848-992-8327 | |  | vmkr08820@gmail.com | |  | https://www.linkedin.com/in/manikantarao/ |       **Summary**  · 16 years of experience in Cisco Routing, Switching, Data Center, Wireless, Security, SDWAN, Cisco ACI (SDN), Cloud (Azure, AWS), Firemon, Arista, Palo Alto, Fortinet, Aruba, Cisco Firepower, Barracuda, Checkpoints, ForeScout, SolarWinds, Cisco Prime, ISE, Cisco DNA, Cisco Meraki, Citrix NetScaler & Citrix Gateway, Ansible, Python  · Hands on experience in Network Design, Implementation, Support, Delivery/Project, Engineering Team, Capacity Management, Network Operation Center, Problem Lead, Escalation Engineer, Team Lead, Change Approver, SPOC, SME, Cultural Activities Lead & Safety Member, Corporate Training to Cisco Clients      **Skills**  Routing (BGP, OSPF, EIGRP, ISIS)  • Switching • Data Center (Nexus), Cisco ACI • Security (Checkpoint, Fortinet, Palo Alto, Cisco ASA) • Wireless (Cisco & Aruba) • Loadbalncers (F5 & Netscaler Citrix ADC)  • Cloud (AWS, Azure) • Barracuda  • Aristra  • Juniper VPN (Pulse) • Scripting (Python) • Designing (HLD & LLD) • Implementation & Support • Drawings & Documentation • WAN - SDWAN (Cisco Viptela & VMware VeloCloud) • Mcafee Proxy (Sky High Web Gateway) •All Network Tools (DNAC, Prime, Infoblox, Solarwinds, Splunk, ISE)  ****Education****   * MCA (Masters) from Osmaniya University, INDIA 2006   ****Certifications****   * CCNA R&S * CCNP R&S * CCIE R&S Written * CCIE DC Written * CCIE Enterprise Written * CCIE Service Provider Written   ****Awards****  · ****8 Awards****(Extra mile, Above & Beyond, Peer Award, Team Player & best Performer) in 16 years carrier  ****VISA Status****  •H1B Visa with I-140 Approved  ****Passport Number****  U0180605 |  | **Manikanta Rao Vadlapudi**      **Experience**  November 2021 - November 2023 **Senior Principal Consultant** **CACIB** | New York  • New Floors build, move the users from old to new floor, decommission old floors from scratch to end  • New wireless implementation all branche offices including head quarters  • Microsoft Teams implementation over all organization in USA Region Working on Task related to websites block in McAfee gateway & bypass users in proxy to access websites, software upgrades, certificate renewals • Sky-high security products implementation, designing, implementation NAC implementation on new floors, Cisco ISE upgrades, new policies implementation, Radius logs check, 802.1x implementation, MBAC in Cisco ISE •Working on P1/P2escalations related to all network outages • Policies creation in firewalls, allow or block services in Checkpoint & Fortinet Firewalls, packet captures, tcp dumps, routing, NAT •Documentation, Drawing's preparation, CAB meetings, Project meetings, daily standup calls, outage calls •• Nexus switches migration project in datacenters RSA appliances migration and decommission old ones, code upgrades, adding users, policy updates •Takin care of all DNS/DHCP Infoblox related task, new subnets creation, alias, DNS records update • Taking care of IP Monitor & SolarWinds & OBM related task Taking care of all new implementations (Routing, Switching, Data Center, Security) •Working on vulnerability remediation by security team •Working with end users / servers team on network related issues • F5 LTM / Netscaler Citrix ADC load balancer daily activities, code upgrades, new implementation •Taking of remote VPN user issues (PULSE Related), like users having various issues over VPN  June 2020 - October 2021 **Senior Network Consultant** **Marriott** | Maryland   * Datacenter network migration for Mainframe environment (From catalyst to Nexus 9300 migration) * Working on Checkpoint to Palo alto firewall migration in datacenter * 100+ DMVPN with internet backup sites migration to Velo Cloud SDWAN * Working on Network tools migration, migrating to Cisco DNAC * Working on WAN redesign project to migrate legacy WAN to New SDWAN * Decommissioned datacenters and built multi-regional datacenters utilizing an improved network flow design * Applications migrations to AWS Transit Gateway & AZURE EXPRESSROUTE * APAC datacenter migration Singapore & Hong Kong Equinix, Europe to Amsterdam & Frankfurt, NA, Canada to Chicago & Ashburn * AWS & Azure migration from AT&T Netbond to Equinix via AT&T 100+ VPCs migrated * DMVPN migration from old datacenter to new datacenter, Site to Site VPN migration, GRA migration * Documentation, Drawing's preparation, Knowledge Transfer sessions to support team, CAB, Project meetings.   November 2019 - May 2020 **Senior Network Engineer** **CME** | Parsippany, New Jersey   * Cisco ACI integration (Spine & Leaf network architecture build in data center with Nexus 9K (9508, 9336, 9372)) * Nexus 3164, 3172, 31128 datacenter switches replacement with Arista 7150, 7160, 7280 * DMVPN to SDWAN (Cisco Viptela) * Hosting SSL certificates on load balancers, VIP configuration with health check Citrix NetScaler and F5 * Couple of F5 load balancers replacement in New York, London, Tokyo datacenters * Troubleshot on network like issues like outage, performance issues, application down, servers not reachable * Network tools migrations to Cisco Prime, Cisco ISE, Cisco DNA * Secaucus, Staten Island datacenters moving to New York & Edison (New Jersey) Datacenter decommission process * R80.30 Checkpoint configuration, administration, and troubleshooting, NGFW configuration, GIA management * Forescout security tool implementation for 300+ banking sites in USA, UK & Tokyo, planning, designing, implementation * Couple of applications migrations to AWS cloud, setting up VPC, Security groups, configurating ACL, setting up load balancing * Support for the client NetScaler Infrastructure, including vendor interaction and maintenance/upgrades as required * Support for the client s Citrix infrastructure, including troubleshooting, vendor contact, environment upgrades and maintenance as required.   December 2017 - October 2019 **Senior Network Consultant** **PSEG** | Newark, New Jersey   * Take care of PSEG Network (Monitor, Support, Implementation, Production Outages) * Load balancers implementation & troubleshooting on Citrix NetScaler & F5 * Wireless heatmap survey with Ekahau software, AP's mounting points, Wireless controller implementation & troubleshooting * Cisco ACI integration (Spine & Leaf network architecture build in data center with Nexus 9K (9508, 9336, 9372)) * 400+ sites including 2 datacenters migration to Cisco SDWAN (Viptela), designing, preparing templates, Implementation, documentation, drawing and finally handoff, traffic engineering * 50 branches Security migration from Cisco to Palo Alto (7K, 5K, 3K, 850, 220R) NGFW with Panorama management * Barracuda cloud firewall setup, code upgrades, traffic filtering before entering from public to Azure cloud * 40 branches Firewall migrations from Cisco ASA to Fortinet FortiGate (800, 3K, 4K, 5K, 7K), FortiGate Cloud migration as well * Working on Cloud (Azure) migration (Moving 1000 server to cloud) as part of that take care of subnets creation, Express routing setup, Load balancing, Ports open for applications, Security and couple of other things, adding servers to load balances, routing, VIP's * Cisco Prime and DNA, ISE implementation and troubleshooting * Lead & SME for 17 members team (Net OPS, Level 2 & Level 3, Field Techs).   May 2017 - December 2017 **Network Consultant** **NBCU** | Englewood Cliff, New Jersey   * Understand client existing infrastructure and based on that prepare high level design and documentation * Design discussions with Engineering & Architect teams, high level discussions with Engineering Team (Pros & Cons) * Testing in Dev environment before implement in production, share the result Engineering & Architect teams * Cisco ACI implementation (Spine & Leaf Architecture) in with Nexus 9K (9500, 9300) * Spine & Leaf architecture build with Nexus 9K in major datacenter with multi-tenant environment * Managing DCNM (Adding all devices, pull reports, Pushing configuration & NX-OS upgrades) * Configuring Switch profiles, Global policies, Interface Polices, IGP, EPG, AAEP, Contracts, Pools, Domain, Normalization * Extending Layer 2 domain between EPG and external devices * Extending Layer 3 domain between Leaf and external devices (Routers using OSPF, EIGRP, BGP) * IS-IS configurations between Spine & Leaf, VXLAN & VTEP's in Spine & Leaf, ACI migration with LDAP.   June 2015 - March 2017 **Senior Network Consultant** **PSEG** | Newark, New Jersey   * Prepare configuration & drawing for new sites, work with the vendor while moving the existing network to new hardware * Datacenter audits, Firewall audits with cisco Firemon, New floors implantation, Cisco ACI migration of existing data centers * IWAN implementation on headend & Branch offices, work with service provider on new WAN link activations * 600+ remote sites WAN Redesign work (it includes Hardware Upgrade, Technology Upgrade, WAN Upgrade, Core, Distribution & Access level upgrade), Palo Alto firewall migration, Cisco 4G implementation, MPLS with DMVPN migration on couple sites * Cisco SD-WAN migration in 100+ remote sites, Cisco NGFW migration in datacenters.   December 2011 - February 2015 **Senior Network Engineer** **Monsanto** | USA   * Working on Nexus (7k, 5k, 2k) implementation for Data centers & large remote sites globally * Remote site network design, implement and troubleshoot in various network environments * Provide technical leadership to projects, working with technical project managers to understand project priorities, taking ownership of tasks, and driving them to completion * Introducing MPLS, DMVPN, PFR in enterprise level in Data Centers & Large remote sites * VDC, VPC, Fabric path, FCOE, OTV implement in production environment * As part of new site deployment, we will configure WAAS box for network (TCP) optimization * Implementing HSRP, VRRP, GLBP redundancy on layer2 & Layer 3 level * Objects & Polices, routing implantation in Cisco ASA firewalls, IOS upgrades in Cisco ASA firewalls * Assist in evaluating new system software and develop method of procedure for network upgrades * Nexus 7k, 6K ,5k, 4k, 3k, 2k Configuring with FEX, FHRP, VPC, VDC, Fabric path implementations based on network design * Network devices adding removing, administration in Solarwinds & Cisco Prime, Cisco ISE.   January 2011 - December 2011 **Tech Analyst** **ANZ** | Bangalore, India   * Providing network Support from new application releases, working on CA AHD ticketing system * MPLS implementation, BGP, OSPF, EIGRP protocols config based upon client requirement and as per company standards * Implementing HSRP, VRRP, GLBP redundancy on layer2 & Layer 3 level, port-channel implementation * Nexus 7k, 5k, 2k Configuring with FEX, FHRP, VPC, VDC, Fabric path based on design which we are going to implement * Checkpoint implementation, code upgrades, adding new rules, filter traffic, central management * Port-channel implementation on Nexus 7k, 5k, Catalyst 6500, 4500 series for servers to get high bandwidth * Conducting weekly, BI-weekly, monthly report meeting to discuss about upcoming network changes and new projects * Objects & Polices, routing implantation in Cisco ASA firewalls, IOS upgrades in Cisco ASA firewalls * Working on Ehealth to adding and retiring all network devices, providing capacity reports to application projects * Working on network Vantage Tool to get actual band width for network devices * Working on Netqos tool to get details report for device interfaces.   March 2009 - January 2011 **Senior Network Support Eng.** **Supervalu** | Bangalore, India   * Remote sites build globally (gathering information from client, Devices Procurement, Network Plan (Design), Rack build, implementation, Documentation) * Attending all network project meetings to share project status, Network Audits on globally for all sites * As a part of new site implementation & existing sites network expansions I will create a network Visio with details documentation to handover to support team * Cisco Routers, Switches, NEXUS box IOS upgrades (with NX-OS & IOS), get permanent fix for recurring outages * Cisco ASR routers migration in data centers, traffic engineering with BGP * On regular basis providing network support for Tier 1, Tier 2 and or Tier 3 support * Work with remote users to build a rack and get a console for net implementation * Provide comprehensive change control plans when making changes to the network, looping in all stakeholders of the change.   August 2008 - February 2009 **Network Engineer** **Cybernet Slash Support** | Chennai, India   * Ensure 100% compliance to defined incident management process especially * Closer of any open-ended issues, act as a single point of contact for all process / technical * As a part of new site implementation configure Cisco devices with different routing protocol like BGP, OSPF, EIGRP based upon client requirement and as per company standards * Implementing HSRP, VRRP, GLBP redundancy on layer2 & Layer 3 level & WAAS configuration * Customer escalations, Bridge handling, Collaborations, manage critical customer interactions (Conference Calls, Bridges) * Providing the support for core, distributions switches, code upgrading & technologies support, network related support * Ticket creation, proper ticket update, follow up with customers 48 hours milestone.   February 2008 - June 2008 **Network Engineer** **Accenture** | Bangalore, India   * Providing Tier 3 support for all escalation issues * Manage a queue of work requests to meet service levels and KPI objectives * Review technical requirements, establish project milestones and tasks and determine level of effort estimates for their completion * Deploy and maintain WAN, LAN and wireless networks including routers, switches, and related hardware * Troubleshoot, identify and repair complex network issues for WAN, LAN, Internet connections and end-user issues while mentoring secondary engineering staff * Troubleshooting MPLS, DMVPN, PFR in enterprise level in Data Centers & Large remote sites, network outage * UNIX scripts to automate various network related activities * Upgradation of Cisco recommended IOS version from older version and Identification of Bug fixes and recommendation path accordingly.   April 2007 - August 2007 **L1 Technical Support Engineer** **E4E Business Solutions** | Bangalore, India   * Identifying, analyzing and fixing network related issues across the organization * Identification of End of Life & End of Support and recommendation of new hardware replacement for all the managed networking devices within the scope * As a part of new site implementation configure Cisco devices with different routing protocol like BGP, OSPF, EIGRP based upon client requirement and as per company standards * Ensure that support is provided for other network devices as and when required * Configuration and testing of various networking equipment for production rollout * Remotely diagnose and trouble shoot network equipment during rollout phase.       **HIGH LIGHTS OF 16 YEARS**  · Datacenter & Colo build & decommission & move experience with multiple clients. · Azure & AWS Migration globally in APAC, Europe, USA, moving all the Applications & AT&T Net bond to EQUNIX. · New McAfee Web Gateway Build, migration, code upgrades · Citrix ADC NetScaler build, Juniper Pulse Migration, upgrades · In Multiple locations Cisco ACI integration (Spine & Leaf network architecture across the glob · 200+ sites including 2 datacenters migration to Cisco SDWAN (Viptela) & VMWare Velocloud · 600+ remote sites WAN (MPLS, SDWAN) Redesign work (HLD, LLD, Implementation)  · New wireless implementations in multiple locations (Cisco & Aruba) · Microsoft Teams implementation in overall organization · Security migration & new implementations with multiple vendors (Cisco, Palo Alto, Checkpoint, FortiGate) · Forescout security tool implementation at 300+ banking sites in USA, EMEA & ACAC · 40+ locations Cisco Meraki cloud migrations & Meraki dashboard implementation · Security Audits, Firewall rules analyzing, clean up. · 1000+ Remote sites build globally from scratch to end. · VXLAN & MPLS EVPN implementation in data center & remote locations · Infoblox implementation which includes server build, HA, GRID, Excel sheets upload and integration. · Cisco ISE migration from Cisco ACS tool for authentication and for couple of other things · Number of major network migrations like MPLS implementation, DMVPN implementation, Site to Site IPSEC VPN tunnels implementation, QOS implementation with Low Latency Queueing 900+ branch offices. · Data Centers, Remote Office, Office buildings decommission, move, drawings, documentation. · All Network tools implementations, migration.      **References**  References available upon request. |  |

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