**Adil Syed ** [**adilforms@gmail.com**](mailto:adilforms@gmail.com)

**6268610264**

# SUMMARY:

* Over **5+** years of experience in the Information Technology as **Windows and Network administrator/Engineer.**
* Comprehensive background in the installation, upgrades, configuration, rollout and support of hardware, software, peripherals and network devices
* Experience in configuring and troubleshooting **Network Policies.**
* Experience in installing, troubleshooting RED HAT Linux.
* Experience in storage virtualization SAN, fiber channel
* Experience in network virtualization tool NASH
* Experience with Installing and Configuring **Windows server 2003/08/12**, **Active Directory**, **DNS**, **DHCP**, **IIS, DFS, WDS, File and print services**, **Routing and remote access** and other windows services.
* Excellent scripting skills in python.
* Experience in configuring and troubleshooting **Switches and Routers**
* Experience in SUSE, centOS and Red Hat linux os.
* Well Versed in **Operation of IP data Networks** (Functions of **Routers, Switches, OSI and TCP/IP models**)
* Experienced in Configuring **LAN Switching Technologies, IP Routing technologies, IP services, IP addressing and WAN technologies**
* Working knowledge in storage technologies like: **DAS, FC SAN, ISCSI SAN and NAS**
* Working knowledge in Enterprise Backup and Restore tools like: Acronis, Symantec backup exec, Shadow protect etc.
* Experience in installation, configuring and troubleshooting **UCS** Bseries, Cseries, Eseries, **DELL, HP/Compaq and IBM servers.**
* Excellent diagnostic skills; consistently solved problems and rarely escalated issues
* Have good communication (verbal and written), analytical & problem solving skills, a committed team player as well as an independent worker, able to work with minimum supervision and to manage multiple tasks simultaneously.

**Professional Certifications:**

* **Masters in Computer and system engineering, California state university Los Angeles, 2014- 2016.**
* **Bachelor of technology, JNTU, 2009- 2013.**
* **Cisco Certified Network Associate.**

**TECHNICAL SKILLS:**

**Python Scripting:**

* Installing different Modules
* Working with different types of files
* Strong knowledge in handle of list, dictionaries.
* Good understanding of Loops.
* Knowledge of Oops concepts.
* Flexible with accessing database.
* Accessing to web data.

**UNIX /LINUX**

* Administer operating systems, hardware, and peripheral components, and maintain databases.
* Perform software installation, upgrades/patches, troubleshooting, and maintenance on UNIX servers.
* Analyze and resolve diagnostic problems on Sun, HP-UX, and AIX systems.
* Responsible for capacity planning, including allocating storage, providing hardware and software redundancy, and planning future expansion requirements.
* Participate in root-cause analysis of recurring issues, system backup, and security setup.
* Maintain Web servers, file servers, firewalls, and directory services, and set up user accounts.
* Write status reports, technical diagrams, and flowcharts.
* Oversaw tuning and performance monitoring for UNIX/Linux workstations, servers, and peripherals.
* Implemented and documented systems for high-volume production environment.
* Monitored, troubleshot, and resolved issues involving operating systems.
* Installed Red Hat update on HP servers.

**Networking skills:**

* Dealt with monitoring tools like network packet capture tools like Wire-shark, etc.
* Installation, Configuration and Administration of Windows Servers 2000/2003, Active Directory, FTP, DNS, DHCP, TFTP, Linux OS under various LAN and WAN environments.
* Migration of existing IPSEC VPN tunnels from Pre-Shared key to Certificate.
* Network redesign for branches / Campus Locations.
* Changing both the voice and data environment.
* Replacing branch hardware with new 2851 routers and 2960 switches.
* Performing security audits of perimeter routers, identifying missing ACL’s
* Troubleshooting of complex LAN/WAN infrastructure, including routing protocols EIGRP, OSPF & BGP.
* Lab testing & validation prior to implementation of Nexus 7K, 5K & 2K connecting to blade servers.
* Settings of the networking devices (Cisco Router, switches) co-coordinating with the system/Network administrator during implementation.
* Configuring network access servers and routers for AAA Security.
* Documentation and change control.
* Working on troubleshooting of complex LAN/WAN infrastructure.
* Administration of Cisco 11.x and 12.1 versions.
* Monitoring all Cisco equipment’s using Cisco Works.
* Involved in SNMP Network management.
* Working on various scanning and Sniffing tools like Ethereal.
* Upgrading and backups of Cisco router configuration files.
* Implementing and maintaining backup schedules.

**Microsoft Windows skills:**

* Installing and configuring Windows server 2008/2012.
* Administering windows server 2008/2012.
* Designing and implementing Server Infrastructure.
* Configuring windows server 2008/2012 services:
* Active Directory domain services
* DNS, DHCP, IIS, VPN
* Configuring file server:
* File server resource manager
* Configuring shared resources
* Configuring advanced storage solutions:
* iSCSI target and initiator
* Storage spaces, storage pools and RAID
* Implementing security restrictions:
* Group policies
* Group policy preference**.**

**AWS Solutions Architect:**

Cloud Environment Amazon web services EC2, S3, Elastic load balancer, Cloud watch, Route 53, Redshift, AMI's, IAM, Nagios, GIT hub

**Achievements:**

**Did Research work in Amazon Web Services Elastic Computing2:**

* Installing Amazon web services.
* Configuring Ec2 instance.
* Accessing Ec2 through Ubuntu terminal.
* Running different performance testing software like Unix Bench.
* Comparing different test results and generating Reports.

**Did Research work in Python Scripting:**

* Developed chat application as my Project.
* Establishing User- User connection.
* Establishing Admin- User connection.
* Login Id Authentication.
* Connecting with database mysql for storing information.

# PROFESSIONAL EXPERIENCE:

**Python Developer, Jan 2016- April 2016**

**Techno soft, Hyderabad, India.**

**RESPONSIBILITIES:**

* Used Python programming and language to develop a working and efficient network within the company
* Utilized Python in the handling of all hits on Django Redis and other applications.
* Performed research regarding Python Programming and its uses and efficiency.
* Developed object-oriented programming to enhance company product management.
* Travel to different companies to introduce and encourage the use of Python programming to computer technicians.
* Work with companies to implement Python programming and train on-site Python Programmers.
* Speak at conferences and make presentations regarding Python as well as its applications and features.
* Act as guest speaker in college programs to educate students on programming options.
* Develop readable and simple curriculum for the average user to get started with Python.

**System Engineer**

**Able Sheet Metal, La, CA. Nov 2014 – Dec 2015**

**RESPONSIBILITIES****:**

* Automated system monitoring tasks using standard observation tools.
* Worked closely with multiple partners to support product integration. Assisted in web-product deployment and internal documentation (diagrams and configuration notes).
* Was responsible for standard automatic monitoring and supervised corporate systems (examples here) and support services.
* Created schedules and prepared internal and data-system reports for backup management.
* Responsible for leading the development, establishment, provisioning, fielding and sustainment of systems.
* Led Systems Engineering Support Teams in ensuring requirement compliance of acquisition planning/instructions.
* Report, establish and address program risks, issues; build an Integrated Master Schedule (IMS).
* Lead test and program requirement planning activities for establishment of testing needs, funding projections and obligations, contract management.
* Wrote and reviewed statements of work/objectives; reviewed proposals and provided formal responses.
* Led software integration design efforts; coordinated development of wireless technology and GPS system and component level applications and requirements with suppliers.
* Provided documentation for Program of Record activities and Full Material Release.
* Reviewed, drafted and ensured delivery of performance specification, test plans and reports.

**Network Engineer Sep 2011- Jan 2013**

**Fluxes It, Hyderabad, India**

* Build and maintain a computer network with capabilities of sharing information or keeping it confidential for all employees throughout the building.
* Attend to all employee needs and concerns regarding the network.
* Train employees in network operations to avoid miscommunication.
* Troubleshoot issues with the network in order to make it run more efficiently and to avoid future problems
* Perform beneficial network updates whenever available.
* Work with other Cisco Network Engineers to create a network and intranet capable of handling all company needs
* Drafted monthly reports of network efficiency to determine if changes were needed
* Performed research on new network features and functions that could be of use to the company.

**SYSTEMS ADMINISTRATOR**

**BSNL, INDIA June 2008– Aug 2011**

**RESPONSIBILITIES:**

* Managed Windows network ( users, computers and network devices ) with Active directory
* Exchange Server 2003 Management
* Built the VMware Infrastructure using vSphere 5.0, Cisco Nexus 1000v and EMC vMAX and VNXe storage configurations in vBlock, coordinating with VCE team.
* Responsible for managing and maintaining of networks of multiple clients offices
* Involved in complete system builds, upgrades, migrations, code deployments and patch management.
* Implemented security policy and virus protection
* Administered change management related to server upgrades and software installation.
* Prepared and maintained documentation of technologies, standards and software installation.
* Served as the main POC (Point of contact) for any outside vendors ( Hardware/Software ) and managed maintenance/repairs as required
* Performed daily, weekly, monthly maintenance backups/restorative exercises using Backup Executive tool.
* Worked in Designing and Implementing host level migrations from 3par to EMC VMAX Array.
* Provided system admin support as required to maintain user accounts, DNS, DHCP, WINS etc.
* Maintained connectivity to the internet and VPN to branch offices.
* Monitored and resolved network and application alerts, involving start/stop services, reboots and troubleshooting applications on web servers
* Resolving issues by raising incidents and creating technology change management
* Ensured discussion and resolution of major outages and ongoing issues
* Effective coordination with DBA's and the vendors to resolve production outages in a timely manner.
* Monitoring and basic troubleshooting of storage devices (Netapp, Hitachi and EMC)
* Troubleshooting SAN switches, NFS and NIS
* Worked on configuring and installation of WSUS server and installing patches and automatically approving new updates when synchronized globally
* Using group policies and installing windows updates accordingly
* Handled 400+ server alters on a weekly basis and worked on the initial triage of the alerts followed by creating of outage tickets and intimating the business units through email