



Emad Adil

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Education Background:

Highest Education level:	Masters in Electrical Engineering
Major:	Computer engineering and System Engineering.
Name of University:	California State University, Los Angeles.
CGPA:	3.5
Graduate Date:	March 2016

Second Education level:	Bachelors in Computer Science and technology
Major:	Computer Science
Name of University:	Jawaharlal Nehru Technological University
CGPA:	3.5
Graduate Date:	May 2013

Certification:

Cisco Certified Network Associate (CCNA).

Career Objectives:

To serve a growing organization to the best of my ability sincerely, honestly with hard labor, where I am the role player for the overall growth of the concern and give respect to my senior. I am ever keen to acquire some new technologies and climb the corporate ladder by honest and hard work.

Work Experience:

Able sheet metal, Los Angeles

June 2014- July 2015

SYSTEMS ADMINISTRATOR (Part time: Intern)

RESPONSIBILITIES:

- Managed Windows network (users, computers and network devices) with Active directory Exchange Server 2003 Management.
- 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.

Fluex It, Hyderabad, India

March 2012- April 2014

System Administrator

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.

Experience In:

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.



Web Developer:

- Junior Web developer able to build a Web presence from the ground up -- from concept, navigation, layout and programming to UX and SEO.
- Fast learner, hard worker and team player who is proficient in an array of scripting languages and multimedia Web tools.

AWS Solutions Architect:

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

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.

Research work:

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.

Other Technical Skills:

- C programming
- C++
- Java concepts
- Microsoft Office
- Windows operating systems
- Windows server operating systems 2000, 2003, 2008, 2012.
- Ubuntu/ Linux
- IOS
- Python scripting
- MCSE
- AWS cloud architect
- CCNA
- CCNP
- Wordpress
- SQL
- Javascript
- Git
- Maven

Personal attributes:

- Self-motivated and can act on own initiative.
- Can quickly learn in a consultative and complex industry.
- Excellent negotiation and problem solving skills.
- Flexible with working hours.
- Adaptable and have a positive attitude towards change.
- Motivated, persuasive and goal orientated.

References:	Available on request.
Personal Driving license:	Yes.
Nationality:	Indian.
Languages:	English, Hindi, Urdu.