**Emad S**

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**Mobile: 424-245-0479**

**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).**

**Amazon Web Services Solution Architect.**

**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 to 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**

**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 data­system 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.
* Repor testablish 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**
* **Word press**
* **SQL**
* **Java script**
* **SVN**
* **GIT**
* **Git hub**
* **Maven**
* **Jenkinns**
* **Puppet**

**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.