

Vijayita Azad

Cloud Architect

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CAREER OBJECTIVE

To excel and make a positive and meaningful contribution in my field of activity and create a conducive environment of team spirit to work with total commitment and sincerity.

SUMMARY

- Team-oriented Cloud engineer with experience of **5 years**, including experience on Storage administration, managing storage infrastructures and datacenter operations across multiple vendors (EMC, Hitachi, Pure storage).
- Expert-level knowledge of AWS and Azure Cloud
- Deep experience with AWS components such as Compute, Storage, Cloud Formation Template, Lambda function and SNS.
- Worked
- Designed and Developed the Backup and Archiving, Disaster Recovery in AWS Cloud.
- Strong perseverance and diligence towards attaining challenging goals and possess good communication skills and quick learning ability.
- Domain knowledge of Storage Provisioning, Configuration and Switches Administration
- An effective team player who is able to deal at all levels within an organization.
- Hands on working experience on Linux environment and application migration to Amazon AWS.
- Experienced in troubleshooting mission critical issues.
- Experience in EMC-Clariion Storage Array, EMC-Symmetrix V-MAX Arrays and Cisco Switches.
- Technical and functional expertise well augmented by excellent communication, and interpersonal skills, with the ability to interact with individuals at all levels.
- Participate in the development of infrastructure and information security roadmaps, infrastructure budgetary estimations for the project delivery. Expertise in documentation & management of standard operating model/procedures, infra design documents (ISD), Test plan and best practice document.

SKILLS SET

Cloud	<i>AWS- Amazon web services and Azure</i>
OS	<i>LINUX, Windows</i>
Automation Platform	<i>Python , PowerShell</i>
Storage Arrays	<i>Symmetrix VMAX, Clariion CX4-960, CX4-240.</i>
SAN Switches	<i>Cisco, Brocade DCX , BD 300, BD 5100 .</i>
Tools in storage	<i>Unisphere , Symmetric Management Console (SMC), Navisphere Manager, Cisco Device Manager</i>

ROLES AND RESPONSIBILITIES : (Cloud Architect)

- As a team member my responsibilities are for the designing solutions and consultation on Implementation & deployment of solutions across AWS and Azure cloud.
- Consultation on cloud Solutions & interacting directly with partners, Technical teams and other Infrastructure teams.
- Interacting with the Enterprise Architects, Customers and Business relationship team to gather the requirements and pre-requisites .
- Based on the requirement coordinating with the multiple teams like Project management team, Application, BI team, Database team to design the solution design /architect documents.
- Develop strong relationships with customers & Production teams to drive the solution improvements.
- Interacting with various teams in BAU activities, consultation, POC, Testing and production implementation process.
- The below additional technical activities are also performed.
 - Deploying AWS stack through Cloud Formation templates -involves task such as deploying databases on RDS in existing VPC.
 - Hands-on experience in designing and creation of complete CloudFormation Templates (Json) to implement whole AWS infrastructure through scripting.
 - Managing the versioning for the important codes with respect to the project automation tools till it goes to the production.
 - Automating AWS services using Lambda function and creating repo in code commit.
Deployed some lambda function for cloud security
 - Customizing Community AMIs, Register New AMIs & De-register AMIs, Bundle Instances - EBS & Instance store based, Snapshot of EBS, Deploying instances behind Elastic Load Balancer, configuring Autoscaling, Monitoring EC2 using Cloudwatch Alarms, creating custom memory metrics and integrating it with Cloudwatch
 - Creating Reserved DB instances, Deploying reliable (HA) DB using Multi-AZs, Scalable Database using PIOPS and Read Replicas, Automated Backup and restore.

- Involving, Implementing & consulting the databases migration activities into the cloud infrastructure.
 - Setting up VPC and troubleshoot in case of any issue, Experience in building complex solutions with Amazon Virtual Private Cloud (VPC) to Create VPC, Create Public and Private Subnets, Create Route Table, Create Internet Gateways, Create Elastic IPs, Security Groups and Network ACLs.
 - Troubleshooting backup and restore problems and constant monitoring of system performance if escalated to design team from the DevOps team.
- Knowledge and experience of AWS pricing and commercial models and how to optimize for a given engagement or use case.
 - Developing complete cloud solutions taking into account sizing, infrastructure, data protection, disaster recovery, and application requirements and hybrid access to premises based enterprise systems.
 - Prepared transition document which has infrastructure inventory and given handover sessions to the Infra support team.
 - Customizing Community AMIs, Register New AMIs & De-register AMIs, Bundle Instances - EBS & Instance store based, Snapshot of EBS, Deploying instances behind Elastic Load Balancer, configuring Auto scaling, Monitoring EC2 using Cloudwatch Alarms, creating custom memory metrics and integrating it with Cloud watch.
 - High level design document using the prescribed Architectural templates and standards, Best Practices
 - Understanding network configurations (switches, routers, firewalls) and a good understanding of routing and switching, firewalls, VPN tunnels.
 - Implemented VNETS across various geographical locations and established connectivity in Azure Cloud.
 - Worked on Azure migration tool (ASR) for migrating windows servers and defining new architectures and ability to drive project from architecture standpoint.
 - Worked with data science and big data team for replicating existing environment on Azure using HD insight and considering high availability.
 - Deployed and supported Memcache-AWS ElasticCache and Kibana on AWS cloud for reporting.

ROLES AND RESPONSIBILITIES : (STORAGE ADMIN)

- Involved in performing day to day operations like Working on Incidents.
- Troubleshooting the storage related issues at array/ switch level.
- Provide storage administration for EMC Symmetrix- VMAX and for Clariion Storage boxes.
- Allocating the storage space from EMC Clariion to the servers by Navisphere Manager.
- Allocation of storage in Symmetrix VMAX by Auto Provisioning and FAST Policies.
- Perform throttling for performance issues.
- Responsible for Host Registration, Creation of LUN, Meta LUN and Storage Groups using Navisphere Manager and creating devices and Meta devices, LUN Mapping, LUN Masking using SMC.

- Adding and removing disks, disk group management, LUN management, LUN provisioning and presentation to hosts.
- Hands on experience in creation of devices, storage groups, initiator groups, port groups and masking view in Symmetrix VMAX Storage Array using thin Provisioning and thick.
- Knowledge of Raid Technologies and Disaster Recovery plan.
- Fundamental Knowledge of Data migration techniques like PPME, OR.
- Proactive monitoring and troubleshooting, problem determination and resolution.
- Brocade and Cisco switch troubleshooting.
- Worked on various EMC to EMC migration using Open-Replicator and Troubleshooting monitoring issues in EMC and HDS.
- Hands on experience on HBA swaps. Good working knowledge with Cisco Device Manager.
- Exposure to viewing and Symmetrix / DMX error and hardware failures.

CAREER COUNTER:

Current Company: Deloitte Consulting (May 2017 - till now)

Previous Company: Verizon - Hyderabad (April 2013 –May 2017)

Previous Company: HCL - Hyderabad (Sept 2012 –April 2013)

ACADAMIC PROFILE

B-TECH in Electronics and Communication (2006-2010) from Punjab University with 63%.

10+2 (2006, C.B.S.E.) with 62%.

10 (2004, C.B.S.E) with 71%.

PERSONAL DETAILS

Languages Known:

English (Excellent)

Hindi (Excellent)

Punjabi (Good)

I hereby declare that all the information's given above are true and correct to the best of my knowledge and I bear the responsibility of the above-mentioned particulars.

PLACE: Hyderabad

(VIJAYITA AZAD)

