

## Objective:

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A very hands-on technology leader consistently delivering exceptional enterprise-scale software. Contributes lots of key components. Automating, deploying in cloud and Data centers with experience in administrating, developing and managing enterprise cloud, server and storage environments.

Fanatical about teaching, coaching, and mentoring. Gives lots of internal tech talks and is invited speaker at conferences and workshops.

## Summary:

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- **Certification:** - AWS Certified Solutions Architect (SAA)
- **Certification:** - AWS Certified SysOps Associate (SOA)
- **Certification:** - AWS Certified Developer Associate (DVA)
- **Certification:** - Storage Administrator, Storage Area Network (SAN) Specialist Version 6.0 (EMCSA)
- **Certification:** - Storage Administrator, Symmetrix Solutions Specialist Version 6.0 (EMCSA)
- **Certification:** - EMC Technology Foundations (EMCPA)
- Expert writing **shell** scripts
- Hands on working experience in distributed storage environments such as **CEPH** and **HDFS**.
- Hands-on, technical experience working with **VMware** and/or **AWS** technologies
- Assist customer in Data Migrations On-Prem to **AWS** Cloud
- Work with customers to discuss upcoming services and deploy them into their on-prem environment.
- Coordinate Teams and work with customers on aligning Roadmap items and items of interest.
- Good knowledge on release management for end to end delivery of releases.
- Work with the customer on doing a Proof of Concept internally at **AWS** and further the process into opportunity.
- Deliver Management Business Reviews and Quarterly business reviews **MBR/QBR**.
- Having Active **Cadence** with customers
- As an active Storage Technical Field Member worked with customers to resolve any issues that they are having and drive them into adopting **AWS** storage services such as **EFS**, **DataSync**, **Storage G/W**, **FSx**, etc.
- Possess sound Knowledge and experience in installing and administrating CI/CD tools like **Jenkins**, **GIT**, **Docker**, and **AWS**
- **DevOps** including Automation/Build Tools, configuration Management Tools such as **CHEF**.
- Adept Linux System Administration skills
- Experience in architecting and configuring secure **VPC** through private and public networks in **AWS**.
- Build customized **AWS** Infrastructure for various applications from scratch (**EC2**, **RDS**, **Security Groups**, **VPCs**, **public/private** subnets, **ELB**, **Auto scaling**, **roles**, **policies** etc.) and establish connectivity between various **AWS** resources.
- Contributing to “DevOps” culture and delivery practice to build, maintain and continuously improve the infrastructure.
- Advanced SAN implementation on **SAN** switches
- Proficient in **scripting** such as **shell (ksh/bash)**, **python**
- Multi-vendor operating system support such as **Windows**, **Linux**, **AIX** etc. and troubleshoot.
- Partake in disaster recovery exercises by using technologies.
- Strong understanding of **VMware** Networking concepts like creation of **vSwitches**, different types of port groups, **NIC Teaming** and **VLAN** Problem management on **VMware ESX 4.X** and **VirtualCenter** and **vMotion**.
- Experience with **VMware VSphere 5**, **VMware VCenter 5**, **VCenter 4.1**, **HA**, **DRS**, **VMware VCenter Converter**, **Host Profiles**, **VMotion**, **Storage VMotion**, **Virtual Appliance**, **update manager**, **powerCLI**, **Remote CLI**.
- Build and troubleshooting experience with **ESX** and **ESXi** Servers, **VSphere** and **vCenter** manager.
- Implementation of Business continuity solutions technologies including **Cloning** and **Snapping**.
- Understanding of application layer technologies, infrastructure, core technologies (**servers**, **network**, **storage**, **DR& BC**)
- Experience in Design, configuration, optimization, architecture and administration of **Sun**, **HP-UX**, **Linux**, **Windows**, **AIX** o/s and hardware.

- Ability to learn quickly and apply new skills in addressing business and technical problems
- Good in Managing & Coordinating among Team
- Experience of researching and evaluating new Vendor/Product/Solution

## Education

- MS in Computer Science Engineering December 2006-December 2007-University of Illinois
- Bachelors in Computer Science Engineering Oct. 2001 - May 2005, Osmania University, AP, India.

## Experience

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**Amazon Web Services Inc.:** Boston, MA

**(May 2019-Present)**

**Enterprise Account Engineer II**

- Spearheaded the AWS Ops Conductor service with additional capabilities and features and launch them to customers.
- Conducted well architected and cloud operations reviews to evaluate the infrastructure and recommend best practices to the customer
- Excellent project management, collaboration, interpersonal and communication skills
- A broad understanding of Technology, including service offerings, technical standards and policies, technical and business strategies as well as organizational structure
- Expert-level skills in defining, designing and developing distributed and scalable products and services, including reusable domain-specific microservices on multi-platform/hybrid clouds (such as AWS, VMWare)
- Serve as the primary technical point of contact, responsible for the overarching technical oversight, architecture efforts
- Self-manage tasks and projects using approved project management tools.
- Able to design and implement new solutions based on business needs
- Updated Technical Account Managers python scripts as need be.
- Offered technical guidance to help plan and build solutions based on best practices
- Educated customers on optimizing costs by conducting Cost optimization workshops
- Helped design migration strategy into cloud
- Entered storage based Technical Field Community and Area of Depth program and became a point of contact for several other TAM's and SA's
- Conducted and participated in Hackathons
- Designed custom scripts internally to enhance user functionality on various intranet sites within Amazon.
- Hands on experience on multiple AWS services such EC2, S3 etc.
- Strong collaboration abilities – willingness to share ideas, documentation and leading practices
- Lead the Boston Independent Software Vendor Cluster **(ISV)**.
- Go-To TAM for guidance and technical assistance in the security and infrastructure domain
- Delivered multiple deep dive sessions, workshops, Immersion days and contributions to blogs
- Conducted Deep racer activities within the organization to promote fun way of learning AI/ML
- TAM coach for multiple TAMs
- Storage Technical Field Community(TFC) member.

**CVS Health:** Woonsocket, RI

**(January 11- May 2020)**

**Architect- Infrastructure**

- Working in a large multi PB environment which encompasses deployment of **storage and Cloud technologies**
- Overall infrastructure Support such as code/firmware upgrades, environment and health checks
- Experience working with **VMware and AWS technology**
- Experienced in creating, configuring and maintaining Infrastructure on AWS Cloud services including Virtual Private Cloud (VPC), EC2, RDS, S3, Route53, SNS, CloudFront, CloudWatch and IAM

- Developed Chef recipes to configure, deploy and maintain software components of the existing infrastructure
- As a Devops engineer I was responsible in installing and configuring **Jenkins**. Build and maintain pipelines.
- Installed and configured **Ceph** with best practices.
- Experience with **Linux**, and **containers** using **Docker**
- Developed **Python, Java and shell scripts** for automation of the build and release process.
- Creating Jenkins jobs and distributing load on Jenkins server by configuring Jenkins nodes which will enable parallel builds
- Configuring EC2 instances with cookbooks to enable environment for deployment
- Build customized infrastructure for various environments such as Development, QA, UAT & Production and provision various AWS resources based on type of environment and provided support, including on call support.
- Datacenter migration to Amazon Web Services (AWS) infrastructure and provided initial support to Applications and Database teams.
- Build sample applications on AWS which demonstrate architectural features.
- Define standards for configuring and using AWS services in a secure and scalable manner.
- Designed, configured, Troubleshoot and deployed Amazon Web Services (AWS) for a multitude of applications utilizing the AWS stack (Including EC2, Route53, S3, RDS, Cloud Formation, Cloud Watch, SQS, IAM etc.), focusing on high-availability, fault tolerance, and auto-scaling.
- Expertise in AWS environment including AWS Storage and content Delivery, Databases, Networking, Management Tools, Security & Identity etc.
- Setup and work on various POC and decision-making.
- Implementation & Administration of VMAX3, VMAX 20/40K, DMX3/4 on AIX, Linux, Solaris and Windows Platforms.
- Hands on experience on Symmetrix virtual provisioning using Solutions enabler/Unisphere.
- Extensive hands on experience with Clarions CX3-80, CX4-960 and VNX 5700/8100 using Unisphere.
- Day to day implementation of Replication techniques SRDF/S/A and Clone/SNAP.
- Strong Understanding and implementation of virtualization technologies
- Managing large heterogeneous SAN fabric comprising Enterprise class Cisco 9513 and Brocade 48K switches managed using CMDCE 10.4.5, CMCNE and CLI.
- Prompt Service Delivery – Responding, diagnosing and remediating issues affecting the production availability in a dynamic environment
- VMware ESX 4.0 & 5.0 Host Server Installation, Configuration & Maintenance.
- Supported VMware, specifically ESX VSphere 4 to monitor cluster performance, optimize the server environment, diagnose and resolve production issues amongst 3 Data Centers and over 1800 servers.
- Performed ESX Hosts and Virtual Machine migrations between Development, Integration, and Production environments and across Datacenters.
- Experience in the V2V and P2V migration of Physical servers to VMware ESX hosts
- Good experience working on vFabric products and vblock 300.
- Day to day Storage allocations to Windows and UNIX hosts as required
- Work with diverse project teams to build out and integrate required Storage infrastructure in accordance with pre-defined build documentation
- Working on ISL and ICL's in a Brocade Switch and managing switches in McData Open Fabric
- Infrastructure management using EMC Ionix Control Center on a daily basis.
- Capacity planning and reporting using storage scope and SRM suite
- Install and manage Multipath software like Power Path and MPIO
- Knowledge and experience in working with Brocade and McData fiber channel switches; Windows and Unix operating systems.
- Proven ability to resolve technical problems, analyze performance and make recommendations to improve current processes.
- Experience in providing operational and disaster recovery support for all storage platforms; document environments, edit/create best practices in regards to storage; provide after-hours support as needed.
- Excellent communication and documentation skills - including analytics and attention to detail. Proven ability to collaborate with other IT groups.
- Active participation in meetings and Performance based suggestions and implementations.
- Hands on experience on EMC Performance Manager (Unisphere) and analysis.

- Continuous contacts with various Vendors.
- Provide assistance and guidance to System Administrator's in regards to attaching hosts to the SAN
- Trained in FAST on Symmetrix and clarion.

**IBM Capital One: Richmond VA.**  
**Sr.SAN Storage Engineer**  
Team-Lead

**(August 08 – January 11)**

- Daily storage related operations, designing, capacity planning and troubleshoot.
- Planning, Co-coordinating and implanting migrations involving DMX3/4, VMAX, DS 4000, HP EVA 8000
- using replication methodologies like Open Replicator, VMware VMotion
- Strong working experience on EMC VMAX, DMX3/4, CLARiiON, DS 4800, DS 8300 and Netapp related products.
- Experience on Storage Allocation in IBM DS 4800 and 8300 with Total Storage Manager, DSCLI
- Storage Focal for HP-EVA 8000's, XP 12000/20000, Symmetrix and performance analysis using WLA/SYMCLI.
- Solid experience on Replication technologies like TimeFinder/SRDF and HP related replication technologies like Snapshot, snap clone and mirror clone.
- Day-to day tasks on storage provisioning and troubleshoot.
- Host based experience on HP-UX, UNIX, LINUX, Solaris, Open VMS and Windows.
- Managed SAN with Brocade 48K and Cisco MDS 9216i/9500 Series.
- Creation of zones, aliases, checking ISL, trunk etc.
- Capital One environment has 2 datacenters based in Richmond and Plano, replication links between the 2 datacenters with SRDF being the replication method.
- Setup and use of ECC, Navisphere Manager, EMC Networker, Snap view/Snapshot, Clones, SanCopy, Mirror view Filers and Sanitization of Switches
- 24\*7 customer support and on call.
- Experience working in mid to large-scale storage environments of 7-8 PB+.
- Authoring of documentation supporting installation and configuration of Windows servers in EMC-based SAN environments, published for EMC customer service, field personnel, and end-user customers
- Expertise in the designing, implementing, and performance monitoring of all SAN disk using both SYMCLI and EMC Control Center (ECC).
- Experience with SAN Switching Fabrics / protocols: Cisco, Fiber Channel, Fiber Channel over Internet Protocol(FCIP), iSCSI, FICON
- Usage of HP related backup like HP Open View Data Protector and working on MSL 6060
- Data restore and backup using HP Open View Data Protector.
- Strong working experience on Cisco MDS 9216i
- Trained in Newly introduced IBM storage XiV.
- Installation of SANs, SAN-based arrays, multi-ported arrays, mid-size to large storage arrays
- Utilization of Storage Scope and IBM-Novus related tool SERP for capacity reporting and planning.

**Wipro Technologies India:**  
**Systems Administrator**

**(May 2005-December 2006)**

- Maintained and configured company's operating system (Red Hat)
- Rendered on call support as need arose
- Organized routine server maintenance and implemented server infrastructure changes
- Identified and coordinated resolution of environment-related issues with personnel
- Supported end users and provided basic training to new users as required

- Communicated with application vendors for upgrades, enhancements, and technical support