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India

**Career Objective:**

Candidate with strong experience about storage infrastructure handling , testing , maintaining and installing multiple storage system , intends to work as Storage Engineer in a reputed organization

**Summary:**

* 2+ yrs. of relevant experience in **storage testing** , **Protection & Administration**
* Experience in storage systems and backup environments.
* Extensive knowledge on SAN and NAS.
* Having good understanding of IBM storage and **NetApp** filers.
* Good knowledge on **SCSI**, i**SCSI**, and **Fibre Channel protocols**.
* **NFS**, **CIFS**, **RAID** **configuration** and **Fiber Channel**. Skilled Storage Engineer with drive for excellence to satisfy organizational goals.
* Having knowledge in **Firmware, drivers and BIOS** testing.
* Extensive understanding of routing principles and **network-wide file system layouts** & **RAID configuration.**
* Good experience in working with **RAID** Controllers in different levels.
* Hands on experience on C**ISCO UCS**servers**, and MDSSAN Switches**.
* Extensive experience in **Array managers such as EMC Navisphere, and IBM storage Manager ,**

**One command Manager.**

* Hands on experience on working in **CISCO UCS C-series** servers**, IBM P series, X series, DELL PREC server, IBM TOTAL STORAGE,EMC Clarions**,**IBM Rack Switches**, **CISCOFC MDS** and **FCoE Nexus** switch configuration.
* Familiar with automation framework and scripting language.
* Extensively used Bug Tracking and Reporting tool.

**EXPERIENCE:**

Currently working as **Storage Engineer** at **IBM INDIA PVT LTD**

**ACADEMIC:**

**B.Tech** in CSE from Biju Patnaik University of Technology, Odisha in year of 2012.

**TECHINICAL SKILL**:

**Operating Systems :**  RHEL 4.5/5.5/6.5 ,Suse10/11, Windows

Server2003/2008/2012, ESX , ESXi

**Language :** Python

**Storage Platform :** IBM Array , storage volume controller , EMC controller

**SAN Fabric Storage :** IBM Switches(Rack switches) ,Cisco MDS and Brocade

switches.

**Storage & Fabric** **:** IBM storagemanager,IBM Storage controller , EMC Navisphere

**Management Tools** & Unisphere Management Suites, one command manager

**Automated Functional** **:** Rational Robot, Rational Function Test

**& Regression Testing**

**Test execution Tool :** Rational Quality manager

**IO Generation Tool :** IO Meter , Ipref ,Tcpdump

**Load Testing :** J meter

**Bug tracking Tool :** Rational ClearQuest , Bugzilla

**Configuration management :** VSS , SVN

**Automation Scripting :** Python

**PROJECT#01**

**Client : IBM INDIA**

**Project Name :** **Design Verification Testing [DVT]**

**Sub project : IBM Emulex HBA**

**Platform :** Redhat, window & VMware

**Hardware :**IBM ,Cisco, Dell server, Cisco Switches, Disk array Manager **Testing Tool** **:**Rational Quality Manager ,RFT, RCQ

**Role**  **:**storage Test engineer

**Duration :** oct 2014 to till date

**Team Size :**10

**Description:**

Emulex, the leader in host bus networking solutions, provides enterprise-class connectivity for servers, networks and storage devices within the data center. The Company's product portfolio of Fibre Channel host bus adapters, 10 GB Ethernet network interface cards, Ethernet-based converged network adapters, controllers, embedded bridges and switches, and connectivity management software are proven, tested and trusted by the worlds largest and most demanding IT environments. These are used and offered by the industry’s leading server and storage OEMs, including Cisco, Dell, EMC, Fujitsu, Hitachi, Hitachi Data Systems, HP, IBM, NetApp and Oracle

**PROJECT#02**

**Client : IBM INDIA**

**Project Name :**IBM\_SVC

**Platform :**Redhat& window

**Storage Platforms :**IBM controller

IBM Storage manager ,Cisco Switches, Disk array Manager

**Role** :storage Test engineer

**Duration :**may 2013 to sept 2014

**Team Size :**18

**Description:**

IBM SVC is a storage virtualization system comprised of hardware components and a requisite licensed software program product, IBM Storwize Family Software for SAN Volume Controller. All functional capabilities for SVC system are provided through SVC software. This project we have testing the functionality /compatibility of various SAScontroller ,HBA adapter card with different flavors window &Linux operating system.

**PROJECT#03**

**Client : IBM INDIA**

**Project Name :** Storage Compatibility

**Platform :**Redhat & window

**Storage Platforms :**IBM total storage ,IBM Storage manager , Cisco Switches

**Role** :Test engineer

**Duration :**June 2012 to Apr 2013

**Team Size :**8

**Description:**

The IBM Total Storage DS8000 Midrange Disk Systems are designed to offer a set of building blocks for Fibre Channel (FC)-based SANs, whether just starting or expanding an existing network. The DS8000 product family offers scalable storage in a wide range of capacities to support growing storage requirements. DS8000 storage is designed to be easy to install and manage using the DS8000 Storage Manager that is included with every DS8000 Midrange Disk system.

**Role & Responsibility:**

* Involved in the designing the product life, test plan test cases
* Experience in settings up the configure & testing of IBM controller

& server in SAN environment using IBM switches and cisco fc switches

* OS installation and flashing firmware for fresh controllers.
* Network configuration of the servers, controllers.
* Troubleshot sever , controller and switches related issues .
* LUN Masking & mapping.
* Configure VSAN & Zoning in different switches.
* Setting up the Test Environment for the testing by installing Emulex network drivers and firmware .
* Diagnostics the driver, bios & firmware testing.
* Executing the functional test cases and stress test cases on Different types of configuration.
* Firmware level as well as management software testing.
* Integration testing of the firmware on different types of Controllers attached to host with

different OS.

* Client satisfaction based on coverage of functionality &quality services of product.
* Uncovered new bugs and reported through defect tracking system
* Bug filing, tracking, Bug Verification
* Troubleshooting Storage Arrays and Switch related issues
* Performance Analysis and Tuning of Storage Arrays