# **UMESH** E-mail:umesh2103@yahoo.com

Mobile: +918050181112

**Career objective:**

To build a successful career in the challenging environment of an organization that could utilize my inherent skills to contribute towards the growth of the organization.

**Profile Summary:**

* Skilled in understanding Software Requirement Specifications and identification of the required Test Scenarios.
* Experience in executing Test Cases to test the software functionality against the requirements.
* Good Knowledge on manual testing.
* Defect Reporting and Tracking using IBM Clearquest Tool.
* Experience in preparation of automated test scripts to perform Regression.
* Actively involved in regular weekly project status meetings to discuss the risks involved in ongoing projects with the team and other stakeholders.
* Ability to handle tasks in efficient way both as part of a team and in individual capacities.
* Good understanding of various Storage Protocols – **SCSI,SAS,SATA and Storage Standards (SAM,SPC,SBC,SPL),FC. iSCSI, SAN concepts and basic storage components and associated software’s and hardware**.
* Worked on testing of Storage components - UEFI, BIOS, Firmware, Drivers (Linux, Windows, FreeBSD, VMWare), Expanders.
* Good in analyzing and understanding storage specifications, SDRS required for testing of hardware and associated software.
* **Completed C and UNIX course from Uttara, SAN course from SAN Foundry**.
* Good in understanding, implementation, debugging of scripts using python.

**Technical Expertise:**

Languages : C, Python.

Operating Systems : Windows, Linux, FreeBSD, VMWare.

Pre-boot Platforms : UEFI, BIOS, Firmware.

Defect Tracking Tools : IBM Clearquest , Clearcase

Hardware components : LSI Storage Controllers and Expanders, :**Servers(DELL, IBM, HP, Supermicro)**

**Career Experience:**

* Working as a Software Engineer with **LSI Corporation** since Dec, 2012.

**Professional Experience:**

**LSI Corporation from December 2012 - till date**

**Project: LSI Storage Drivers for Windows & FreeBSD.**

Duration : November 2013 – Till Date.

Environment : Windows (2012, 2012R2), FreeBSD

Hardware : LSI RAID controllers, XGIG jammer/analyzer and their tools, Torridon cable push/pull devices.

Skill/Tools : C, python, Stress tools (Linux smash, Medusa, LSIUtil, MSM),

Product : LSI Storage Drivers for Windows and FreeBSD.

Role : Integration Test planning & Execution

Team Size : 2

**Description:**

As part of the integration team for the LSI storage drivers (Windows & FreeBSD), was involved in testing the functionality of LSI storage drivers for Windows and FreeBSD operating systems. LSI provides drivers for storage controllers. The drivers are specific to the supported operating systems. Involved in testing of the product for different product phases of the product – Pre-Alpha, Alpha, Beta and GCA.

**Roles and Responsibilities:**

* Understanding the enhancements and defect fixes in each product phase.
* Generation of test cases catering to the functionality testing of product.
* Review of the test cases and incorporation of the review comments for the same
* Execution of the test cases in the stipulated timeframe.
* Reporting defects using the clearquest logging tool.
* Automation for the test cases.

**Project: BST for LSI Storage Components.**

Duration : December 2012 – October 2013

Environment : Linux Drivers (SLES,RHEL), Windows Drivers (2012,2012R2), Vmware Drivers (ESX5 and above), FreeBSD Drivers, UEFI, Controller Firmware and Expanders.

Hardware : LSI RAID controllers, XGIG jammer/analyzer

Skill/Tools : C, python, Stress tools(Linuxsmash, Medusa, LSIUtil, MSM)

Product : Linux Drivers (SLES,RHEL), Windows Drivers (2012,2012R2), Vmware Drivers (ESX5 and above), FreeBSD Drivers, UEFI, Controller Firmware and Expanders.

Role : Test planning & Execution

Team Size : 2

**Description:** The main objective of BST team is to validate basic functionality of the Software developed and maintained is not broken for the Releases between phases and to automate the test cases.

BST is responsible for testing of software products before integration testing and to raise flags

at very early stages if fundamental functionality is broken and also responsible to test the

enhancements which are implemented based on customer requirements.

**Roles and Responsibilities:**

* Testing involves validating fundamental storage firmware developed for RAID controllers and Storage drivers developed for various software platforms (Linux, Windows, FreeBSD, UEFI).
* Create test projects and test plans for new functionalities.
* Execute test cases manually and scripts and special test cases for enhancements.
* Reporting Bugs in IBM ClearQuest (tool to log defects)
* Setting up test bed, debugging problems during setup.
* Automation for windows driver BST.
* Actively involved in taking KT from patni and setting up required hardware infrastructure for Expanders BST.

**Personal Details**

Mother Name : Hemavathi B.P

Date of Birth : 21st march 1991

Sex : Male

Languages known : Kannada, English, Telegu, hindi and Tamil

Marital Status : Single

Education Qualification : BE(Electronics and communication with 80% aggregate)

College/University/year of passing: NIE(mysore), VTU, 2012

Experience detail in month : Total: 1.6 years

Experienced skill sets : System testing and Storage Technology, python automation

Contact Details : Email : umesh2103@yahoomail.com : Mobile : +918050181112

I Umesh hereby declare that all the details stated above is true to the best of my knowledge.

Date:

Place: Bangalore **(Umesh)**