SHANMUKHA.

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Mobile: 91-9986125185.

**PROFESSIONAL EXPERIENCE :**

* Having 2.5 Years of IT industry experience.
* Currently working as Software Engineer at SRMicro Info Systems Pvt.Ltd, Bangalore, from April’2014 to till date.
* Automated test cases using PERL and Python script based on requirement.
* Good understanding and experience of HA, SAN & Storage concepts.
* Experienced in manual execution of test cases in LINUX environment.
* Extensive experience in PERL programming.
* Extensively worked on Test automation project using PERL.
* Good exposure in Requirements understanding and analyzing and test plan document preparation.

**ACADEMIC PROFILE :**

* Bachelor of Technology(Electronics and Communication Engineering) in Dr.Samual George Engineering Institute of Technology Markapur from JNTUK (2010-2014).
* Intermediate (Mathematics , Physics & Chemistry) in Sri Chaitanya Jr.college Ongole(2008-2010).
* Secondary School Certificate in Pragathi Vidhya Nilayam, Kanigiri(2007-2008).

**SOFTWARE PROFICIENCY:**

* **Skill Set :** PERL, PYTHON, NETAPP STORAGE,UNIX.
* **Data Base :** MySql.
* **Code version tool :** Perforce.
* **Storage Tools :** : NetApp Filers.
* **Operating System** : UNIX, Windows7.

**PROJECTS:**

1. **Process to Archive/Purge Files :**

**Technology :** PERL, Mysql.

**Platform** : Linux.

**Description :**

Based on the lifetime of files involved in MZ projects, we can categorize the files into the following 4 groups and retain them with different storage. Transient files are temp files that are created during the daily load process. These are deleted by daily load process. Short Term files are files needed for daily load. Mid-term files are files we archive to a network attached storage (NAS) after daily load. Production support will go back to these files if they need to search on them. These files are to be retained on NAS mounts. The following folder contains files that are to be tape archived for long term storage.

**Responsibilities :**

* The first of a new month, the automation does zips up last month’s files. The folder becomes mzb\_stagestores\_archive\_2015\_Oct.gz. Move the .gz file to Tape\_Pending folder on that mount storage, mzb\_stagestores\_archive\_2015\_Oct.gz file is going to storing the backup\_paths table in Mysql database.

1. **Test Specification Sheet Tool Development :**

**Technology :** MS SHAREPOINT,PERL.

**Platform :** Linux.

**Description :**

This Tool provides an utility to create or update or remove the test program details stored in version controlled xml files.

**Responsibilities :**

* Writing perl wrapper scripts to update or create or remove the project revision test program results stored in version controlled xml files.
* Generate phasing reports for various project revision tests on daily basis with cron job.
* Sync the test program results updated by various users across different servers.
* Developed Perl/Tk GUI utility to update the test program results.

Providing support to various issues, raising jira tickets for all the issues raised by engineers.

1. **High Availability (HA) :**

**Platform** : Linux, Windows.

**Technology :** PERL.

**Description :**

An HA pair is two storage systems (nodes) whose controllers are connected to each other directly.In this configuration, one node can take over its partner's storage to provide continued data service if the partner goes down.The controllers are connected to each other through an HA interconnect. This allows one node to serve data that resides on the disks of its failed partner node.

Each node continually monitors its partner, mirroring the data for each other’s nonvolatile memory (NVRAM or NVMEM). The interconnect is internal and requires no external cabling if both controllers are in the same chassis.Takeover is the process in which a node takes over the storage of its partner. Giveback is the process in which that storage is returned to the partner. Both processes can be initiated manually or configured for automatic initiation.

**Responsibilities :**

* Responsible for validating Clustering features of ONTAP Operating System on NetApp SAN setup and logging defects.
* Validating/Execution of Manual test cases to meet Functional compliance.
* Executing the automated scripts and updating the logs.
* Bug Reporting and Verification

1. **Vendor Tool Module Setup :**

**Technology :** PERL, UNIX.

**Platform :** Linux.

**Description :**

To Build wrapper script for all vendor tools.

**Responsibilities :**

* Module setup developed for all cadence and Synopsys tools by using UNIX shell scripting language. Because of this module setup designers can launch the tool very easily just by typing the tool name without setting path, license path or any environment variable. This is nothing but wrapper around setup for all the tools.

**PERSONAL PROFILE :**

* **Name** : Munagala Shanmukha Reddy.
* **Father Name**  : Munagala Krishna Reddy.
* **Date Of Birth** : 10-04-1993.
* **Marital Status** : Single.
* **Languages known** : English & Telugu.
* **Permanent Address** : S/O Krishna Reddy,

Darsi (md), Prakasam (dt),

AP 523247.

# DECLARATION :

I here by declare that the information furnished above is true to the best of my knowledge.

**Date:**

**Place:**  ( Shanmukha )