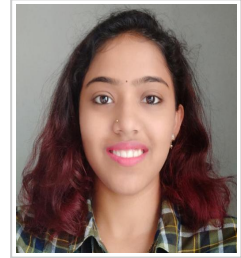


Sushmitha M K 

Software Engineer seeking roles in Software Engineering, Software Development, Application Support, Project Management, Change Management, Delivery Management, Quality Management, Requirement Gathering, Shell Scripting, VMware Vsphere, Python, JIRA, Git, Perl

Current Designation: Delivery Software Engineer

Total Experience: 4 Year(s) 4 Month(s)

Current Company: Mphasis Limited

Notice Period: Currently Serving Notice Period

Current Location: Bengaluru / Bangalore

Highest Degree: B.Tech/B.E.

Pref. Location: Bengaluru / Bangalore, Mangalore

[Electronics/Telecommunication]

Functional Area: IT Software - Application Programming / Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: Software Engineer/Software Developer, Software Engineering, Software Development, Application Support, Project Management, Change Management, Delivery Management, Quality Management, Requirement Gathering, Shell Scripting, VMware Vsphere, Python, JIRA, Git

Verified : Phone Number | Email - id

Last Active: 21-Jan-21

Last Modified: 21-Jan-21

Summary

Python Developer with experience in developing/maintaining OS provisioning automation tool for Windows, RHEL, SUSE, ESXi OS and design/implementing automation solution on synergy HP for ESXi to increase the testing efficiency for all HP products

Work Experience

Mphasis Limited as Delivery Software Engineer

Jul 2016 to Till Date

Project Name: CSI Automation

Client: Hewlett Packard Enterprise (HPE)

Sub Project: Cirrus Provisioning Tool (CPT)

Role: Software Developer Engineer

Duration: March 2018 ? present day

Role: Quality Assurance Engineer

Duration: May 2017 ? February 2018

Description: HPE CPT is a test automation framework that can provision Operating system on new products In-development (NPI) Servers, Beta OS along with Virtual Machine deployments and new features to help enterprises accelerate their time to market and increase productivity.

This OS provisioning tool includes work on kickstart/answer files of OS and connecting to HPE servers using ILO REST API.

It also makes OS available with required services/features for easy access of them. These Post-install scripts are written in shell script for Linux/ESXi and batch script for Windows.

HP Quix and Jira are used for tracking the bugs and enhancements.

Contribution:

- ? Developed new standalone feature like boot-option deletion, Standalone VM deployment.
- ? Developed modules in CPT development during Perl to Python code migration.
- ? Made code to support new Windows 2022 evaluation builds and Windows SAC 1909 builds.
- ? Adding support to new HP storage/network cards in CPT is always considered.
- ? Providing support to extended projects like fixing defects, enhancing existing code for optimization as well provide a

better functionality to the existing feature in Perl language.

- ? Supporting upcoming new major/minor OS in (Linux, Windows, ESXi) is a day in-day out operation.
- ? Created automation snippets using Python, Shell, REST API for leveraging the manual work.
- ? OS Support includes features like driver injection, SPP (Service Pack for Proliant), custom kickstart/script, LUN selection (BFS/LOCAL), VM deployments.
- ? Good knowledge on Linux machine as CPT runs on Linux system.
- ? Creation of vCentre server and configuring VMWARE to have multiple virtual machines with different OS.
- ? Good level of experience in switches(HP 5900), servers(BL/ML/DL, Apollo, Synergy-Profile creation) and storage(3PAR ,MSA) configuration.
- ? Preparation of test bed setup, Creating Test-cases for testers.
- ? Creation of SAN network using different technologies(FC, FCOE, iSCSI) for testing purpose.
- ? Hands on experience on manual OS installations.

Sub Project: Synergy ESXi Automation
Client: Hewlett Packard Enterprise (HPE)
Role: Automation Engineer
Duration: 01-July-2020 ? 16-Oct-2020
Description: Creation and validation of automation solution for ESXi setup/teardown, LUN availability/multipath and redundancy check, Read only check for ESXi in robot framework on HPE Synergy Servers with SAN storage.
Contribution:
? Preparation of test bed setup for synergy servers with SAN storage.
? Design and implement automation solution and upload the same in Git.

Sub Project: SET-EVAOI
Project Name: Storage Eco-Systems Testing (SET)
Client: Hewlett Packard Enterprise (HPE)
Role: Manual Test Engineer
Duration: 08-Sept-2016 ? 28-Apr-2017

Description: Validation / Certification of the latest firmware for HPE Storage Array 3PAR and Tests are executed in a typical Data center environment to support EVAOI to 3PAR migration on multiple Operating Systems to ensure Data Integrity on the Storage Array.

Contribution:
? Preparation of test bed setup for SAN and Direct Connect configurations.
? Preparation of Visio Diagrams, which has the complete details of the test configurations.
? Used CAST production tool to execute Hazard test cases to stress the storage systems and ensure Data integrity on various storage Protocols Like FC, iSCSI, FCOE to support EVAOI to 3PAR online migration on Linux Operating System.
? Used Application Lifecycle Management (ALM) tool for updating the test progress and Quix for bug tracking

Education

UG: B.Tech/B.E. (Electronics/Telecommunication) from St Joseph Engineering College, Mangalore in 2016

IT Skills

| Skill Name | Version | Last Used | Experience |
|--|---------|-----------|------------|
| Python, Perl. Shell scripting, Ubuntu | | | |
| Batch scripting, Power shell scripting | | | |
| RHEL, SLES, Windows, VMware | | | |
| Jira, Oneview, Windows ADK | | | |
| putty, WinSCP, PyCharm, Git ,vCenter | | | |

Languages Known

| Language | Proficiency | Read | Write | Speak |
|----------|-------------|------|-------|-------|
| English | | | | |

Affirmative Action

Physically Challenged: No

Work Authorization

Job Type: Permanent / Temporary

Employment Status: Full time