Mohammed Imran A

Senior Automation Testing Engineer
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EXPERIENCE SUMMARY

- Having **12+ years of Automation testing experience** in Wipro Technologies, Chennai.

- Having 4+ years' experience in **Python** scripting and other scripting languages like **Unix-Shell**, **PowerShell** and **Perl.**

- Having good experience of using test management tools such as **HP-ALM, JIRA**, and **Bugzilla**.

- Experience in version control management tools such as **Git**, **HG**, and **SVN**.

- Having good experience of setting up jobs for creating **Jenkins** jobs for the execution of automation scripts and raised defect in **JIRA**.

- Involved in writing a test plan, designing test cases, reviewing the test cases, and developing test scripts using a scripting language.

- Ability to work independently and to multitask without impacting the timelines or quality.

- Resourceful team player and capable of delivering tasks within stringent timelines.

- Having worked in **DHCP, VLAN, OSPF, BGP, ACL & NTP** features in the Data Comm domain.

- Worked in **SRIOV**, **Teaming**, **iSCSI**, and **FCoE** in the server domain.

- Having good experience working on **Lean** and **Agile** methodology projects.

TECHNICAL SKILLS:

Operating Systems	Window/RHEL/SLES/VMWare
Scripting language	Python, Power Shell, Unix Shell, Perl
Testing Management tool	HP ALM, JIRA, Bugzilla
Additional Support Tools/IDE	Eclipse, PyCharm, Git/hg/SVN, Jenkins, POSTMAN
Storage Box	P4000G2, P2000G3, 3PAR (iSCSI & FCOE)
Framework	Selenium, Pytest, Robot framework

ACADEMIC CREDENTIALS

- **Master of Engineering in Embedded and Real Time Systems** from Coimbatore Institute of Technology in 2012 with 7.73 CGPA.

- **Bachelor of Engineering in Electronics and Communication Engineering** from IFET College of Engineering in 2008 with 70%.

PROJECT DETAILS

PROJECT 5   : MH-INFRA AUTOMATION

Team Name & size	INFRA Chennai & 12
Role	Senior Automation Tester
Environment	Windows, Linux
Tools used	Python, APT framework, Jenkins, JIRA, hg, Eclipse.
Customer Name	Nokia Siemens Network

Description:
In MH INFRA Automation project, testing the 1830PSS and its features using automation scripts. Testing the external communication features like interface, OSPF, VLAN, BGP & NTP and file transfer features like database, software, log, etc. using CLI, WEBUI and MD-CLI.

Roles & Responsibilities:
➢ Managing team, task assignment, technical support and training, developing test script and library & tracking Bugs.
➢ Understanding the feature and its functionality and training the team members.
➢ Developing the manual test cases, automating the test script & library and reviewing the team members scripts.
➢ Executing the weekly test using Jenkins and analyzing the failures.
➢ Raising bugs in JIRA with required logs for tracking purpose.
➢ Enhancing the test script to support the Web-UI testing using Selenium web driver.

PROJECT 4   : NSN-WS-NOC-AT

Team Name & size	WS-NOC NNA, 112
Role	Senior Automation Tester
Environment	Windows, Linux
Tools used	TestNG, Jenkins, JIRA, Git, Eclipse
Customer Name	Nokia Siemens Network

Description:
NSN WS-NOC Automation testing project is NMS testing using V1830PSS. Testing the packs with internal connection.

Roles & Responsibilities:
➢ Developing the manual test cases and reviewing the team members.
➢ Configuring setup & developing XMLs for automation.
➢ Executing the weekly test using Jenkins and analyzing the failures.
➢ Raising bugs in JIRA with required logs for tracking purpose.
➢ Managing team, task assignment, technical support and training.
➢ Understanding the feature and its functionality and training the team members.

PROJECT 3 : SMART STORAGE AUTOMATION

Team Name & size	SSA Testing, 6
Role	Test script developer
Environment	Windows & Linux
Tools Used	Perl, SQL, JIRA, Git, HP ALM(QC)
Customer Name	Hewlett Packard Enterprise

Description:

HPE SSA Automation is all about testing the Storage controllers and storage features using RAID config techniques. Automating the drive creation, OS installation & testing techniques.

Roles and Responsibilities:

➢ Script, Library Developer & Bug fixer

➢ Automating the LUN drive creation, Installing Customized OS.

➢ Automating the HPSSACLI & STORCLI tool for RAID config testing technique.

➢ Testing the Smart component testing for Driver, Firmware using upgrade and downgrade.

➢ Involving in review meetings for others design in Review-Board.

➢ Raising bugs in TRAC for tracking bugs and enhancements.

➢ Database handler for maintaining the required tables for automation support.

PROJECT 2 : VIRTUAL CONNECT MANAGER (VCM) AUTOMATION

Team Name & size	HP-VCM
Role & Team size	Senior Test Engineer, 20
Environment	Windows & Linux
Tools Used	PowerShell, Unix Shell, JIRA, Tortoise SVN
Customer Name	Hewlett Packard
Responsibilities	Analyzer, preparing documents for Test cases and reviewed.

Description:

HP VCM Automation is all about testing and its virtual features. Testing on different enclosures of Blade servers and inter-connect modules. Test all the features of the modules like network traffic, server performance.

Roles and Responsibilities:

➢ Analyzer & Library developer

➢ Preparing design documents for Test cases and get acceptance from review team.

➢ Raising QUIX in customer portal, in case of any product bug.

➢ Server setup for acceptance testing and failure analysis of the scripts.

➢ Providing support to the team on all technical aspects and development activities

➢ Maintaining the **P4000G2, P2000G3, 3PAR SAN** and resolving any issues faced in connectivity.

PROJECT 1   : NSP AUTOMATION

Team Name & size	HP-NSP, 30
Role & Team size	Analyzer, Debugger, Installing OS and Manual Tester
Environment	Windows, Linux, VMWare
Tools Used	Unix Shell, Bugzilla, Tortoise SVN, HP ALM(QC)
Customer Name	Hewlett Packard

Description:

In HP NSP Automation, testing the features of high-performance NIC cards from different vendors Broadcom, QLogic, Emulex, Intel, Mellanox, and QUINTE on 13 flavors of Operating Systems. Testing on 3 Generation servers covering Rack and Blade servers. Test all the features of the cards (driver, firmware, WOL, VLAN, Jumbo Frames, SRIOV, iSCSI, VMQ, NPAR etc.)

Roles and Responsibilities:

➢ Analyzer, Script developer and Tester
➢ Developing test scripts on all applicable platforms.
➢ Executing and monitoring scripts in batch run like ONR/ODR.
➢ Raising bugs in Bugzilla for tracking bugs and enhancements.
➢ Setting up the test environment for execution on various OS platforms.
➢ Installation of Different OS (RHEL, SLES, ESXI and WINDOWS) using automation scripts and troubleshooting the issues during the installation.
➢ Developing **ISCSI & FCOE** related Test cases.
➢ Configuration of ISCSI & FCOE in various cards (Broadcom, QLogic, and EMULEX).

Personal Details:

Location   **:** Pallikaranai, Chennai - 600100
LinkedIn   **:** https://www.linkedin.com/in/mohammedimran0909/

Declaration:

          I hereby declare that all the information provided in this resume is true and correct to the best of my knowledge and belief.

Date: **Mohammed Imran A**