

JAYASHRI N

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Professional Objective

To be an effective network test engineer in a progressive organization which constantly tests my skills and that encourages learning & creativity.

Working Experience (3 years)

- ✓ Worked as Delivery Software engineer at MphasiS, Bangalore from 22-Sep-2009 to 28-Sep-2012.
[Emp. Code: 2128632]
- ✓ Played the role of **Team lead** for a team of 25 members which involved in testing HP NIC drivers & Agents on various network adapters.

Skill Set

Operating Systems	: Windows, Windows Hyper-V, Linux (SLES, RHEL), VMware (ESX, ESXi), Citrix.
Platforms	: HP Proliant Servers ML, DL & Blade servers, Network switches.
Protocols	: TCP/IP, UDP, DHCP, VLAN, LACP, SNMP, WBEM, RSS, TOE, RFC 2544
Tools	: NCU, VSphere, VI Client, IxChariot, IxAutomate, MeatGrinder, Supercharger, Virtual Connect, WinSCP, HP QTP, HP QC, HP QUIX.
Technologies	: OSI Model, Virtualization, iSCSI, FCoE, Max Flex NICs, RAID(Basics), WDS, Network teaming, BFS, PXE boot, WOL
Scripting	: PERL & VB (Basics).

Educational Qualification

Course	Institution	Board/University	Year of Completion	Marks %
MCA	Meenakshi College for Women, Chennai, TN	Autonomous	2009	91.2
B.Sc (CSC)	Bhaktavatsalam Memorial College For Women, Chennai, TN	University of Madras	2006	84.7
Class XII	Sri Ramakrishna Vidhyalaya School, Chengalpattu, TN	State Board	2003	91.7
Class X	Vivekananda Convent, Villupuram, TN	Matriculation	2001	84.3

Projects & Job profile:

Title	: IST-NIC.
Duration	: Nov 2009 - Sep 2012.
Team Size	: 25
Role	: Team Lead.

Description: The scope of this project involves testing the various network adapters using the latest Agents, Providers, network drivers & Firmware provided as a software package by HP. This project involves both Software and Hardware Testing. It includes testing on various OS (Windows, RHEL, SLES, VMware, Hyper-V) & on various server platforms (HP ProLiant - ML, DL & BL servers).

Roles and Responsibilities:

- ✚ About 3 years of experience in System product testing on **Linux, Windows & VMware** platforms.
- ✚ Prior to the test execution, responsible for the test bed setup by configuring the servers, NICs, network switches based on the test plan.
- ✚ Hands on experience in working with VMware virtualization technology and products such as VMware ESX/ESXi (4.0/4.1/and 5.0), vSphere & vCenter server.
- ✚ Tested VM cloning, vMotion live migration, HA, vSwitch functionalities using vCenter server.
- ✚ Completely worked in testing network adapters, interconnect modules, switches.
- ✚ Hands on experience in working with driver integration, NIC functionalities and products such as **Emulex, Intel, Qlogic, Broadcom & Mellanox**.
- ✚ Good knowledge on HP hardware like **HP ProLiant servers** (ML, DL & BL servers). Brief exposure to **HP Storage boxes, SAN hardware** (FC & iSCSI).
- ✚ Performed SNMP agents & WBEM provider testing using **HP SMH**, event logging & monitoring alerts using **HP SIM** tools respectively.
- ✚ Practical experience on both hardware & software **iSCSI** testing using Emulex & Qlogic CNAs.
- ✚ Setup **DNS** server & configured **DHCP** for network switch management & IP assignments.
- ✚ Setup **NFS** server (Linux) & **WDS** (Windows) for faster OS installations (60% cut-off) during the test bed setup.
- ✚ Good knowledge on network teaming, VLAN, Jumbo frames, Wake on LAN functionalities.
- ✚ First time analysis on the technology of **Flex-10 NICs** & Virtual Connect (HP's GUI) before the project initiation helped to impart the knowledge to the team for its successful execution. The technology involves flexing the single physical network adapter into multiple virtual NICs to increase redundancy & fault tolerance.
- ✚ Performed **Interconnect testing** which involves testing different interconnect modules & switches on Blade servers with all classes of mezzanine network adapters. This also involves testing driver integration & ensuring NIC features behave properly with the testing interconnect module.
- ✚ Performed **stress testing** on different network adapters to ensure the durability & fault tolerance. Tools used: Supercharger, MeatGrinder, IxChariot, IxAutomate.
- ✚ Learnt proactively the basic knowledge of **network switches** (firmware flashing & other basic troubleshooting) that are shipped offshore for test execution. This reduced the dependability & communication time spent with onsite team.

- ✚ Performed many **ad-hoc testing** in between the normal execution & registered ad hoc issues/defects as well. This helped to formulate new test cases to include such ad hoc scenarios & increased the scope of the test plan.
- ✚ Good knowledge on HP defect tracking tool **Quix** & project tracking tool **Quality Center**.
- ✚ Actively involved in preparing test plans, resource allocation & project estimation.
- ✚ Detailed analysis reports on **optimized test plan** to the clients opened up new scope of test cases, opportunity to learn new technologies (**SR-IOV**) and cut-off the test execution time by eliminating/merging the test cases which are no longer spotting any defects.
- ✚ Took part equally in test execution & monitoring the team for the status of test results. Elevated from the role of test engineer to **team lead** in 1 and half years & managed the responsibilities in the absence of senior members in the team.
- ✚ Preparation of **SOW** for the upcoming projects & coordinated with HP clients to frame the test estimation.
- ✚ Managed the **resource allocation** task well enough to complete the projects ahead of the schedule.
- ✚ Received an Appreciation card from my Project Manager for “**Honor of Commitments**”
- ✚ Proactively participated in all the **data analysis**, client visit presentations, Audit reports presented to the clients & SLA team. Also received a remarkable score from the HP clients on Closure reports submitted every year as a summary of completed projects.
- ✚ Prepared efficient **training plan** for new engineers who join the team.
- ✚ Came forward to document the **Best practices, Lessons learnt** records and shared with the team.

Personal Profile

Name	: N. Jayashri
Sex	: Female
Date of Birth	: 15 th Aug 1986
Marital Status	: Married
Nationality/Religion	: Indian / Hindu
Husband's name	: Bharanidharan N
Languages known	: English, Kannada, Tamil, Hindi(learner)
Passport No	: K 7771503 (valid till 15-10-2022)
Emergency contact	: +91-8375922468 (Bharanidharan N)

References

Shivaprasad. C
 Delivery Project Manager,
 Mphasis, Bangalore.
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Here by I declare that all the details given above are true to the best of my knowledge.

PLACE: Gurgaon
 June-2015

(N.JAYASHRI)