# Nageswara Rao MVKB

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**Career Summary:**

* Around **9.5+** years of QA experience
* Working as **Test Architect** with overall technical leadership to the QA team, design, build & manage a test-lab with Windows/Linux environments.
* Good expertise in Business Analytics & Analysis, Design, Testing, Maintenance, Documentation
* Domain expertise in **Anti-Virus / Health care** / **Storage** / **Data recovery** / **Virtualization** / **Cloud Security**.
* Good experience in **Software Test Life Cycle**.
* Well experienced in project test scheduling, effort estimation along with assumptions, risks & mitigation plans.
* Extensive experience on **web services** testing for **SOA** architecture based applications.
* Good knowledge in preparing test strategy and test plan based on the requirements.
* Proficient in working with Manual testing.
* Having valid multiple entry **B1 visa** to **USA**.
* Participated in reviews of QA documentation and report(s) design.
* Good exposure on using tools like **Win Runner, Selenium, JMeter** and **Quality Center**.
* Flexible in learning and implementing latest technologies, advancements in the IT Industry and deliver good results.
* Flourish in both independent and collaborative work environments with quick learning abilities and good communication skills.

# Work Experience:

* Working as a Test Architect at **McAfee India Pvt Ltd, Bangalore** through **IFocusSysTec** from April 2013 till date
* Worked as Test Architect at **Sony India Pvt. Ltd.,** Bangalore through **IFocusSysTec** from April 2011 to March 2013.
* Worked as Test Architect at **Chimera Technologies Pvt. Ltd.,** Bangalore through **IFocusSysTec** from July 2010 –February 2011.
* **Sr Quality Engineer** at **Phoenix Technologies (PTL) Software India Pvt Ltd,** Hyderabad / Bangalore – September 2005 to April 2010.
* **Quality Engineer** at **CA Technologies (**formerly known as **Computer Associates India Pvt Ltd)**, Hyderabad – February 2004 to July 2005.

**Educational Profile:**

* **M.C.A** from University of Madras (1996-99)
* **B.Sc. (Electronics)** from Nagarjuna University (1993-96)

# Technical Skills:

Testing Tools : Sahi, Win Runner, Selenium, JMeter, Quality Center

Operating Systems : Linux, WINDOWS 2000 / XP / Win 7 / Win8.1.

Languages : C, Java2.0, Java Script, VBScript, HTML.

Front-end Tools : Visual Basic 6.0.

RDBMS : ORACLE 9i, MS-SQL Server 2005.

**Awards & Achievements:**

* Received “**Star Performer**” award for **two consecutive ‘Quarters’** at **CA**
* Nominated for **‘best performer’** award at **Sony.**

**Projects Handled**

**#1 Project Title : Sustenance QA Lead - McAfee Family Protection**

Client : McAfee Software India Pvt Ltd, Bangalore.

Technologies : JAVA/C/C++/PHP/MS-SQL Server 2008, JavaScript

Target Platforms : Windows XP SP3/Vista/7/8/8.1, MAC (Maverick’s/Mountain LION/LION) and Android platforms

Role : Sustenance QA Lead

Duration : From October 2013 to till date

Testing Approach : Manual testing / Automation using Selenium.

**Description:**

McAfee Family Protection (MFP)is parental control software. The major features of the MFP are as listed below:

* **Content Controls** – Flexible content control allows you to block inappropriate content including web sites, videos, and music
* **Monitoring** – Monitor your child’s online interactions to make sure no one is harassing your child, and that your child is not posting sensitive information online.
* **Reporting** – Comprehensive, easy-to-read reports give you important information about your child’s online life, including top web sites, search terms, and Facebook postings.

**Responsibilities:**

* Led & Manage a team of 10 plus developers and testers
* Led the team technically on Mac OS X & Windows testing.
* Manage & handle customer interactions and led daily stand up meetings.
* Develop test plan / test strategy / effort estimation using functional point approach, review of QA review documents etc…
* Experienced in test – estimation/ scheduling/ tracking/ reporting/ data management/ test bed
* Point of contact for re-testing/regression testing of **customer escalations** / **new design implementations**.
* Responsible Task allocation, Reporting & Resource management for QA.

**#2 Project Title : McAfee MOVE AV 3.0: Optimized Security for Virtualized Environments**

Client : McAfee Software India Pvt Ltd, Bangalore.

Technologies : vShield/ePO5.0/JAVA/C/C++/MS-SQL Server 2008, JavaScript

Target Platform : Windows Vista/XP SP3/7/2003 R2 SP2/2008 SP2/2008 R2 SP1/8 Beta

Role : Senior member QA team

Duration : From April 2013 to September 2013

Testing Approach : Manual testing

**Description:**

McAfee Management for Optimized Virtual Environments (MOVE) AntiVirus for virtual desktops and servers is uniquely designed to relieve the overhead of traditional endpoint security, yet provide the protection and performance essential for success.

Traditional antivirus software does not integrate well with virtualized infrastructure. McAfee MOVE AntiVirus brings optimized, advanced malware protection to your virtualized desktops and servers. Choose one efficient solution across multiple vendor platforms or an agentless, tuned option for VMware vShield. Either way, you get both flexible, top-rated security and high performance. For proactive protection, we integrate real-time threat intelligence and unify security management across physical and virtual infrastructure.

MOVE AntiVirus addresses these challenges by:

**Optimizing security for virtualized environments** — By optimizing and offloading McAfee VirusScan Enterprise’s processing features, MOVE AntiVirus enables you to obtain higher operational returns, and minimizes the performance impact on virtual servers with enhanced scan avoidance and scanning based on overall load of the hypervisor.

**Standardizing security across all major hypervisors** — Whether you are starting to deploy virtual machines or well on your way with cloud computing, MOVE AntiVirus offers the flexibility of consistent security across all major hypervisors.

**Ensuring the best security management and delivery for virtualized environments** — Utilize and optimize your current McAfee VirusScan Enterprise protection in virtualized environments, providing security management and effectiveness with the McAfee ePolicy Orchestrator (McAfee ePO) console. Ensure that security policies remain intact, even as virtual machines migrate within the virtualized environment.

**Responsibilities:**

* Effort estimation using functional point approach, review of MRD's / SRS / FS / etc…
* Responsible for MOVE Escalations testing.
* Work closely with development team for integration/regression/re-testing testing.
* Develop & maintenance of various project Use cases, Test cases, User level scenarios and various documents.
* Work on projects with minimum intervention of the project management.

**# 3 Project Title : DPIViewer**

Client : SONY India, Bangalore.

Technologies : TSL / TK, HDMI, MySQL & proprietary tools

Target Platform : PS3 Playstation

Role : QA Lead

Duration : From April 2011 to March 2013

Testing Approach: Manual testing

**Description:**

DPIV is a healthcare product used to analyze the pathology reports in high definition (HD) digital format. DPIV can be used as a single / multiple user versions for studying of single/multiple pathology reports simultaneously. This is mainly used to help the pathologist’s on analyzing the report of patients. Many options are available for end users while doing the activity of analyzing the pathology report(s) almost like the conventional procedure performed by pathologists. Information at every stage of the analysis can be captured and saved in the form of images.

**Responsibilities:**

* Develop test strategy / effort estimation using functional point approach, review of MRD's / SRS / FS / etc…
* Develop & maintenance of various project status reports / Use cases, Test cases, User level scenarios, Requirement Traceability Matrix documents using the SRS / MRD’s.
* Work on scheduling various team activities with respect to project schedule and milestones.
* Responsible for forwarding the ‘Post Weekly / Project Management / Monthly’ status reports.
* Responsible for team management, Task allocation & Resource management.

**#4 Project Title : IT Dashboard & HR – Dashboard**

Client : CISCO

Technologies : Java/JSP/Struts/Flex, Oracle 10g.

Target Platform : Windows XP and later versions & IE 7 / 8, Mozilla, Apple Safari.

Role : QA Lead

Duration : From July 2010 to February 2011

Testing Approach: Manual testing / Automation testing using Sahi, Selenium IDE, JMeter.

**Description:**

IT (or) HR dashboard(s) is an application used in cisco by higher officials i.e., VP level and above, mainly used to keep track of happenings in organizations developed based on business analytics.

**Responsibilities:**

* Meeting with Delivery / Project managers to gather business requirements and evaluate the plan of work & schedule of work planned.
* Developing test strategy using the information in projects BRD's / MRD's etc.
* Worked on creation of use cases / test case scenarios / test cases / review of test cases etc
* In charge of QA/Testing for details on coverage, provide information on ‘sign offs’ for Business Users / Solution Analysts on Test Requirements to ensure adherence to the Testing processes.
* Work on projects with minimum intervention of the project management.
* Responsible for team management, Task allocation, Reporting & Resource management.

**#5 Project Title : Marketing Globalization Collaboration System (MGCS)**

Client : CISCO

Technologies : Java/JSP/Struts, Oracle 10g.

Target Platform : Windows XP and later versions & IE 7 / 8, Mozilla, Apple Safari.

Testing Tools : JMeter / Sahi

Testing Approach: Manual testing / Automation testing using Sahi, Selenium IDE, JMeter

Role : QA Lead

Duration : From July 2010 to February 2011

**Description:**

MGCS is an online tool for CISCO employees of marketing department. MGCS provides the details regarding the various projects across the organization developed based on marketing business analytics. MGCS also provide the option of entering the new project requirements. The details available in the system can be viewed by ‘top management’, ‘CMO team’, ‘Stakeholders’ and ‘Vendor’.

**Responsibilities:**

* Work scheduling of team activities and effort estimation.
* Developing test strategy using the information from the projects BRD's / MRD's etc.
* Worked on QA test data creation and sampling.
* Worked on creation of use cases / test case scenarios / test cases etc.
* Review of Test Cases and test output reports.
* Worked on coordinating various QA tasks and activities for adherence to the Testing processes.
* Work on projects with minimum intervention of the project management.
* Responsible for team management, Task allocation, Reporting & Resource management.

**#6 Project Title : Phoenix ‘HyperSpace’ (‘HS2/HV3’) solution**

Client : Phoenix Technologies India Pvt Hyderabad/Bangalore

Technologies : Citrix Zen Hypervisor Linux & virtualization for various mobile notebooks/netbooks

Duration : From March 2007 to April 2010

Role : Senior member QA

Testing Approach: Manual testing

**Description:**

Phoenix HyperSpace is a compact and reasonably secure Linux-based [18] application environment on the PC that runs side-by-side with an OS such as Microsoft Windows Vista. This environment enables PC users to benefit by having key productivity and lifestyle applications available instant-on in a very predictable fashion, while at the same time being able to run all of their Windows applications at full performance.

**Responsibilities:**

* Developing test strategy using the information on the projects BRD's / MRD's etc.
* Worked on creation of use cases / test case scenarios / test cases etc.
* Conduct meetings with all application testing team(s) to confirm the results of test execution, to follow up on their issues/defects & to resolve them in time for a final sign off from the customer.
* Responsible for working on performance / System / Integration testing.

**#7 Project Title : Phoenix TrustedCore – Core System Software (BIOS)**

Client : Phoenix Technologies India Pvt Ltd Hyderabad/Bangalore

Technologies : Assembly language, EFI / UEFI architecture, C

Testing Approach : Manual / Automation testing using C / TestQuestPro

Role : Senior member QA

Duration : From October 2007 to February 2008

**Description:**

Phoenix TrustedCore is the first firmware offering to fully meet the compliance requirements for Intel Onscreen Branding at pre-OS startup screen. This is achieved through a pre-OS graphical user interface, which also supports boot order control menu. TrustedCore includes StrongROM, an embedded cryptographic engine, which allows authentication of the firmware itself. StrongROM can alternatively complement a TPM 1.2 chip in a system to further enhance device security.

**Responsibilities:**

* Test cases design and execution of the test cases design on modules allocated.
* Review and re-execute test cases created by other team members over the existing setup as part of system / compatibility testing as discussed weekly review meetings.
* Execution of regression tests using automation scripts designed in ‘C’ language.
* Testing of the BIOS using the proprietary and general available tools.

**#8 Project Title : Recover 7 / Recover Pro VX / Recover Pro 6, 6.0.2 & 6.0.3**

Client : Phoenix Technologies India Pvt Ltd Hyderabad/Bangalore

Technologies : C / C++ / .Net, Window API developed on Windows 2000/XP SP2/Vista/7

Duration : From August 2005 to September 2007

Role : QA Lead

Testing Approach : Manual testing

**Description:**

Recover / Recover Pro are major releases within the Recover Pro family of products based entirely on Phoenix IP. Recover Pro (RP) is a PC recovery solution that enables immediate system recovery, without external media or network connectivity even when Windows won't boot.

**Responsibilities:**

* Worked on scheduling and plan of action for the team.
* Developing test strategy using the information from projects BRD's / MRD's etc.
* Worked on creation of use cases / test case scenarios / test cases / review of test cases etc
* Worked on product Localization and documentation review.

**#9 Project Title : BrightStor SAN Designer (BSD) 11.x series & 1.6 Update 8 series**

Client : CA – Computer Associates India Pvt Ltd, Hyderabad

Technologies : .NetFramework, Windows/Office 2000/XP/2003 & Visio 2002/03 API’s

Testing Approach : Manual / Automation testing

Testing Tools : Win Runner 7.5 and Proprietary test management tool

Role : Team QA

Duration : From February 2004 to August 2005

**Description:**

BSD is a SAN designing tool for used network / system administrators (or) specifically by the SAN administrators. BSD runs on Microsoft Windows and uses Microsoft Visio as a graphics engine. BSD provides custom Microsoft Visio shapes for designing SANs together with features for documenting and verifying the design.

**Responsibilities:**

* Meeting with Project manager(s) / Team Leads to gather business requirements and evaluate the plan of work & schedule of work planned.
* Worked on creation of use cases / test case scenarios / test cases / review of test cases, various guides etc