**MANOJ NARAYANAN Phone**: +91 9845314730

#13/004, Mantri Residency, Bannerghatta Main Road, Bangalore 560076 **Email**: [manojmnair2006@gmail.com](mailto:manojmnair2006@gmail.com)

**Linked In**: [in.linkedin.com/pub/manoj-narayanan/5/52a/3b5](http://in.linkedin.com/pub/manoj-narayanan/5/52a/3b5) **Skype Id:** naramano1

**Senior Software IT Professional | 28 years of experience in IT & ITES | Expert in System & Software Testing**

# SKILLS SUMMARY

* Senior software QA Lead with full system development lifecycle experience, including designing, developing and implementing test plans, test cases and test processes fueling swift corrective actions, significant cost savings and fault-free audits.
* Detail oriented and enthusiastic leader who is passionate about quality having managed and mentored talented engineers to excel in zero defect application delivery
* Strong hands-on, advanced command of various testing suites, Agile methodologies and monitoring tools; and cross-platform skills in Windows, Linux and UNIX QA functions.
* System Administration and configuration management for Development, Testing and Production environment
* SQA process for development and release life cycle in Agile environment.
* Strong operating system fundamentals, with good knowledge of storage, understanding of cluster solutions and usage of virtualization technologies such as VMware.
* Intermediate level skills in Java, PERL, Python, VB Script and good knowledge of test automation using different models of test frameworks using QTP.
* Ability to grasp business purpose, client expectations and architecture of the projects quickly.

# PROFESSIONAL EXPERIENCE

**Role**: Sr. QA Lead for Functional and integrated testing of various IT Applications **Employer**: HP Global Soft Ltd., Bangalore, India

**Projects**: **Period**: Oct 2006 to Sep 2014 (8 Years)

* Product Master re-architecture - Data base used for maintaining the company product data base
* Astro BW – SAP CRM application used for assisted service call logging and tracking
* HPSF - HP support Form
* DP 3.1 ITRC
* Global Newton – Application used for the complete life cycle of logging product repairs and trouble shooting by customers and dealers
* FCS (Flexible computing services) - FCS is a cloud based application which enables subscribers to order computing requirements on need base. This is an end to end solution for customers to order solutions and computing power on need basis. The solution includes selection of hardware and applications, automatic configuring, provisioning and orchestration, usage metering, billing and DE provisioning.

These are in house applications used by HP IT to various functions of products maintenance, Customer support for service calls for hardware and software and repairs and trouble shooting.

**Roles and Responsibilities:**

* Lead and supervise a Ten-member software QA testing team in developing and implementing quality-assurance and quality-control methodologies to ensure compliance with QA standards, regulations and customer specifications
* Manage testing of more than one client solutions for end to end testing ownership of Web-based and .NET Applications
* Analyse the testing requirements based on project specification and prepare the test plan, testing schedules and the test cases. Distribute Testing of product components and the integrated environment. Qualification testing of above projects as per the Test cases.
* Functional test Automation using QTP. Performance test using load runner.
* Implement tracking of change requests and bugs through Quality Centre.
* Design and implement automated testing tools and programs addressing areas including database impacts, software scenarios, regression testing, and negative testing.
* Participating in requirements and design reviews of new features & enhancements
* Designing high level test approaches and implement detailed test plans based on the requirements
* Analysing failures and determining root cause, setting the expectations of the solution/behaviour based on the requirements
* Provides technical leadership and cross-team coordination for other team members for their projects
* Multi-task and re-prioritize responsibilities based on changing requirements

**Project**: ASU (Advanced Server for UNIX) **Client**: Hewlett Packard **Employer**: HP Global Soft Ltd., Bangalore.

**Period**: Oct 2003 to Oct 2006 **Role**: Senior QA Engineer

The   Advanced   Server   for   UNIX   ( ASU )   software  is   a   Tru64  UNIX  layered application  that allows  you  to  share  UNIX based file systems and printers with Windows users as shares. Windows users connect to shares without modification to their software.   Once  connected, the  directory  or  printer  associated  with  a share appears as a  transparent  extension  to  a Windows  user's  local  computing environment.

The ASU software implements Windows NT Version 4.0 server services and functionality on a system running the Tru64 UNIX Version 4.0F and Tru64 UNIX V5 or higher operating system software. The Tru64 UNIX system on which the ASU software is running appears as a Windows NT Version 4.0 server to other Windows systems and to users of Windows systems.

**Development Environment:** Alpha servers, Tru64Unix, C.

**Roles and Responsibilities:**

* Analyse the testing requirements based on project specification and prepare the test plan, testing schedules and the test cases. Testing of product components and the integrated environment. Qualification testing of ASU as per the Test cases.
* Qualification tests for TRU64UNIX patch kit installation on Cluster and standalone versions of Alpha Servers. Experience of setting up TRU64 clusters
* Simulation of Customer problems as reported in IPMTs, Notes etc.
* Capturing of debug logs and Netmon trace
* Maintenance of Lab environment consisting of Alpha servers loaded with different versions of Tru64Unix, different versions of Windows Server OS and clients.
* Configuration Management of VSS, CVS, Bugzilla.
* Project web site maintenance.
* Implementation of SQA (in compliance with CMM Level 4).
* Usage of automated test tools like load runner on UNIX, Netbench on windows for the purpose of performance testing.
* Familiarity with WEB qar, Notes filing, Unit test, ODE environment etc.
* Automation of testing procedure using shell scripts.
* Maintenance of Perl, sed awk scripts.
* Status report preparation and client updating by means of conference call

**Project**: WEBES4.0 and WEBES4.1 **Client**: Compaq **Employer**: Digital Global Soft, Bangalore, India

**Period**: Nov 2000 to Oct 2003 **Role**: QA Engineer

All the products involved, form part of Customer support tools ( layered product) and resides on the Systems and monitors/analyses the System for any event failures and crashes and intimates the upper layer about the same. All the products are a part of E-connect Program of Compaq, which supports platforms like Windows Open VMS and TRU64 Unix.

**Roles and Responsibilities:**

* Build Environment Setup and maintenance on Open VMS and UNIX systems.
* Development of install/ uninstalls scripts.
* Development of PCSI Kits on OVMS.
* Development of SETLD installable kits on UNIX.
* Testing of product components and the integrated environment.

# PROFESSIONAL EXPERIENCE IN IT Enabled services

|  |  |  |
| --- | --- | --- |
| **Organization** | **Duration** | **Role and Responsibility** |
| Medley Marketing Private Ltd.  New Delhi, India | 4 years and 6 months  Apr 1996 – Oct 2000 | **Programmer/ System Administrator:**  Designed, developed and implemented a comprehensive Marketing Information System, catering to all aspects of a Marketing Company (In house Application).  In-house Systems administration and maintenance  Participated in various exhibitions and road shows for promoting VXL Products.  **Client**: VXL Instruments |
| M&N Publications Limited  New Delhi, India | 2 years and 3 months  Jan 1994 – Apr 1996 | **Senior programmer/ System Administrator:**  M/s M & N Publications Limited was a joint venture company with BEL Canada, involved in the Publication of Telephone Directory. Had a state of art IT infrastructure with 100 MBPS Ethernet Backbone and high-end servers to support very large database and graphics applications. There were 40 nodes spread over three floors.  Application development using FOXPRO 2.6, Database administration, Systems administration and coordination with telephone companies. Main area of exposure during this period was in Novel Netware 3.11 and FOXPRO 2.6.  **Client**: Mahanagar Telephone Nigam Limited |
| Universal Book Publishers and Distributors  New Delhi, India | 3 years and 6 months  Jul 1990 – Dec 1993 | **Asst. Manager:**  M/s UBSPD, New Delhi, the largest Distributors and Exporters of book in Asia had a large EDP setup. Developed and implemented various applications in house. Main area of experience were in UNIX, COBOL, DOS and dBase III. |
| Orient Engineers  New Delhi, India | 1 year and 9 months  Oct 1988 – July 1990 | **Programmer** in Orient Engineers, a consultant division of Orient Paper & Industries Limited.  Applications developed in GW BASIC. Ported application from Fortran. |
| Usha Microprocess & Control Ltd.  New Delhi, India | 2 years and 11 months  Nov 1985 – Oct 1988 | **Programmer** in UMCL. Provided support to Banking packages and Railway Accommodation display system. |

# EDUCATION

**Post-Graduation:**

PGDCA - [Post Graduate Diploma in Computer Applications], 1986

Cusrow Wadia Institute of Technology, Pune

Board of Technical Education, Maharashtra

**Graduation:**

BSc - [Bachelor of Science], 1981

Calicut University

Kerala, India