**Mohan Ramanath**

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**Experience Summary:**

* Sr. Quality Assurance Engineer over 10 years of diverse experience in Quality Assurance (Manual / Automated) testing with expertise in requirements analysis, design, Quality Assurance of Web, Windows , **SOA** applications & Database/Data Warehouse/ETL/BI.
* Leading QA team, delivered end-to-end quality, satisfactory solutions to meet business/functional needs.
* Extensive experience on **Agile**/Scrum software development methodologies, heavily participated in Sprint Planning, Sprint Retrospectives, daily Scrums, & review meetings.
* Expert in Test Planning, Validation Strategy, Test Cases Design, Test Harness Setup, Defect Management & **Root Cause Analysis**.
* Designed, developed, & maintained Automation Frameworks written in **Selenium** (web driver), using Mercury Tools (Quality Center (QC), WinRunner, LoadRunner, & QTP) based on functional specifications.
* Proficient in different types of testing as Functional Testing, Regression Testing, Integration Testing, System Testing, Performance Testing, User Acceptance Testing (UAT).
* Analyzed Web Application Network & Performance using Firebug & Fiddler.
* Expertise in testing web services (SOAP/**RESTFul** services) operations using SOAP UI pro /RESTClient tools.
* Participated in design review & code review meetings & provided valuable suggestions.
* Strong working knowledge of Amazon Web Services(AWS) ,Hadoop, map-reduce, & HDFS
* Experience in **CI/CD** (Continuous Integration/Continuous Deployment) using Jenkins & GIT.
* Adept in **RDBMS** concepts & experience with Oracle & SQL Server databases.
* Experience in testing FDB, NCPDP, HL7, PHI data (Protected Health information) & HIPAA working environment.
* Exceptional ability to build productive relationships with business users, engineering teams & clients.
* Experience in leading & executing QA Projects & mentoring Team Members
* Ability to master new technologies quickly.

**Awards & Recognition:**

**MedImpact:** Received "**IT PARTNERSHIP AWARD**" in Recognition of collaborative spirit & excellent support.

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| Languages | **Java, VBScript, PL/SQL, HTML, XML, JavaScript, JSON, Shell script** |
| Tracking Tools | **Quality Center, DevTrack, Rally, MS-Visual SourceSafe,** **GIT, JIRA,TFS** |
| Automation Tools. | **Selenium, TestNG, Junit, Jenkins, Maven, Quick Test Professional (QTP), LoadRunner, WinRunner, SOAP UI Pro/RESTClient** |
| Databases | **Oracle ,SQL Server, MS Access, MySQL** |
| Web Servers | **Apache Tomcat, IBM’s WebSphere** |
| Operating Systems | **Windows, UNIX, Linux** |

**Professional Experience:**

**MedImpact Healthcare Systems San Diego, CA 12/2005–Current**

**Role: Sr. Software QA Engineer**

Lead Software Quality Engineer in the Information technology department of MedImpact.

**Accomplishments:**

* Created test plan strategies by reviewing functional/Business requirements and Use Cases.
* Utilized Agile Methodologies to develop Software & Actively participating in Sprint Planning, Sprint Retrospectives, daily Scrums, & review meetings.
* Extensively participated in JAD (Joint application Design) & JAR (Joint Application Requirement) sessions.
* Delivered end-to-end quality/satisfactory and flawless solutions on major projects budgeted for more than **Two Million** dollars.
* Lead Software Engineering teams both in USA & offshore, managed team size of **8 -10 Engineers**.
* Validated environment configuration setup in UNIX environment for various applications.
* Performed **Root Cause Analysis** & recommended process improvement which reduced defect rate to 40%.
* Designed & implemented **data driven test framework** to validate the EOB pharmacy directory.
* Validated XML reports based on functional/business requirements..
* Verification of data from source (OLTP) to target (OLAP) using incremental load techniques.
* Validation of external file **load** into one to many tables using **SQL** queries.
* **Integration testing** of IBM Tivoli for **security** to test privileges & functional roles for various portals.
* Designed & developed Web **Automation Frameworks using selenium** for MedImpact’s PDE, Formulary Gateway & EFS.
* Expert in creating **LDAP** accounts using IBM Tivoli.
* Worked with cross functional teams to address the defect back logs.
* **Tested web services** using SOAP UI Pro/RESTClient tools.
* Validated data model such as schema location, tables, Columns, triggers & indexes based on the **DMDA** specifications (Data Model & Design Analysis).
* Verified DB functions, & packages using SQL from **Toad** tool.
* Created automation scripts using **QTP** for MedAccess application.
* Lead Admin for Quality Gateway process which was automated using IT PPM (product of Intuit).

**Environment**: Oracle 8i/9i/10g/11g, PL/SQL, StarTeam, Java, GIT, Selenium/TestNg, Maven, Apache Tomcat, Sun OS, AIX, Bridgegate, UC4, QTP, LoadRunner, IBM Tools, Confluence, Toad, Winscp.

**Client : Pacific Capital Bancorp (PCBANCORP) Santa Barbara, CA 6/2005 – 12/2005**

**Role: Software QA Engineer consultant**

* QA Engineer to automate scripts for windows & web based application in Information Technology of PCBANCORP.

**Accomplishments:**

* Designed test plans & test cases for teller desktop & web based applications based on the requirements.
* Enhanced & executed the existing QTP scripts for the new build.
* Performed end to end testing & integration testing for teller 360 degree customer service product.
* Used Quick Test Pro to create tests from expert view & run process, it also uses a Visual Basic style scripting language that allows test actions & verifications to be modified from existing scripts or created from scratch.
* Executed & maintained LoadRunner scripts for new builds.
* Participated in full software development life cycle for the product.
* Validated database objects like tables, triggers & indexes.
* Developed Data Driven Test models.
* Performed Data analysis using SQL as a programming language to check the accuracy of a series of values, to apply new changes to one or more records, to look for the existence or state of a record.
* Closely tracked & documented all defects & bugs in the new system & generated analyses & reports using defects module of TestDirector.

**Environment:** QTP 8.2, LoadRunner 8, TestDirector 8, RUP, Java, J2EE, Oracle 8, SQL, PL/SQL 8, SQL Server 2000, TOAD, UNIX, Shell scripts

**Education:**

Bachelors in Engineering **BMSCE** College of Engineering Bangalore, India