

## **CV - Ramkarthik M**

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### **Profile Summary:**

- Around 9+ years of extensive QA experience in Telecom and Banking domain and almost 10 yrs experience in the field of Information technology
- Experienced in managing teams and deliverables.
- Experienced in identifying Test Requirements, creation and execution of Test Cases, analyzing Test Results, report and track defects in manual and automation testing.
- Proficient in Functional, Integration, Regression, User Acceptance, Load/Stress, Database Backend and Performance Testing.
- Experienced in DWH testing including ETL processes and Reporting
- Good knowledge in Dataware housing
- Worked in various roles like Developer/Test Lead/Business Analyst/Module Leader
- Well experienced in GUI testing
- Experience on testing tools like Microsoft Visual Studio Team system, SilkTest, Rational Test Real Time and Rational Robot
- Experience in reporting status for Bug life cycle
- Experienced in User Acceptance Testing
- Experience in writing test cases and tracking bugs in Mercury Quality Center, TFS
- Experience in handling QA team and managing the resources as Module Leader
- Have a very sound knowledge of various SDLC processes and Agile methodology
- Experienced in Backend testing, validating database integrity, verify/modify user data by executing advanced SQL queries on Oracle and SQL servers
- Completed PowerCenter 7 Mapping Design – Informatica Corporation
- Completed Software testing - Brainbench
- Good knowledge in Financial Domain
- Experience in interacting with end business customers
- Quick adaptability to new technologies and new concepts
- Excellent written & verbal communications
- Good analytical and problem solving skills

### **Technical Skills:**

#### **Computers Systems:**

- Windows 95/98/NT/2000/XP, Unix

#### **Programming Languages:**

- Core Java, C, C++

#### **Special Software:**

- Testing Tools – Microsoft VSTS, Silk Test, Rational Test Real Time and Rational Robot
- Defect Tracking Tool – Team Foundation Server, MTM, Quality Center 10, Test Director, Dev Track and Test Depot
- Application Servers -- WebSphere

- DWH Tools—Informatica 7.3 ,Business Objects XI
- Database -- Oracle ,MS-Access,Sybase and SQL Server 2008
- Version Control Tools – Visual Source Safe
- Scheduling Tools – Autosys
- Other Tools -- Putty,Toad,httpwatch,rapidsql and Fiddler

**Business Areas:**

- Telecom Industry
- Financial Industry –Banking and Trading
- Automobile Industry

**CAREER PROFILE:**

**FEB 2013 – JUNE 2014**  
**BO REPORTS AND ETL TESTING**

**Employer :** DSR Management/Katalyst Technologies

**Client:** Volkswagen Credit and Audi Financial

**Location:** Chicago,IL

**Role:** BI Test Lead

**Responsibilities :**

- Creating Test Plans, writing test cases and scripts, test case execution
- Writing SQL queries for source and target systems to verify the data for the ETL and BO Report validations
- Flat files validations using Unix Script
- Implementing(coding) ETL logic in the SQL scripts used for testing.
- Upgrade testing of BO WebIntelligence and Desktop Intelligence during Service Pack/Fix Pack upgrades
- Validating ETL process by the following methods- Count Validation Source (vs) Target,Data transformation correctness based on the Business Rules
- Negative testing with invalid test data
- Performance/volume testing with high volumes of data
- Execution of regression test scenarios.
- Creating Requirements traceability matrix
- Validating the data with Adhoc reports from BO.
- Verification of Data Quality
- Supporting UAT for Business Users

**OS :** Windows 7,Unix

**Database :** Oracle ,Sybase & SQL Server

**ETL,Reporting Tools :**Informatica(ETL) and SAP BO

**Framework :** .Net

**Defect Management Tools :** MTM,QC

**Other tools :** Tidal,Putty & Informatica DVO

**July 2011 – Feb 2013**

**Cashiering and Reconciliation Testing**

**Employer & Client** : OptionsXpress/CHARLES SCHWAB

**Location** : Chicago

**Role** : Test Lead

**Responsibilities :**

**Cashiering Testing Responsibilities**

- Test Plan, Test Cases and Traceability matrix creation
- Web based testing on Cross browser and operating systems
- End to End testing including Database Results
- New Features and regression Testing
- External Interfaces and FIX messages testing
- Test Environment/Harness Setup
- Release management to Beta Users/Production
- Prelim production support for the post release
- GUI testing for the application for cross browsers/operating systems

**Reconciliation Testing(Built on SSIS)**

- Test Plan and Test cases Creation and Execution
- Validation of ETL processes
- Validation of Data correctness in Flat Files
- End to End Testing of data flow(Source to Target testing after data is transformed)
- Job restarts testing – to validate data gets loaded properly after the restart
- ETL logic testing- Data transformed according to the business rules
- Report testing and Validations
- Batch jobs Running and File watcher/Dependency Testing
- Quality assurance for Database migrations
- Test Environment/Harness Setup
- Coordinating prod releases
- Prelim production support for the post release

**OS** : Windows xp

**Database** : Sql Server

**ETL,Reporting Tools** : SSIS & SSRS

**Framework** : .Net

**Defect Management Tools** : DevTrack

**Nov 2010 – June 2011**

**BI Testing (Basel II)**

**Employer** : TATA Consultancy Services Ltd

**Client**: Northern Trust Company, USA

**Location**: Chicago

**Role**: Test Lead

**Responsibilities :**

- Involved in test planning, writing test cases and scripts, test case execution Bug tracking and defects management.
- Scripting SQL queries for source and target systems to verify the data for the ETL and Reporting
- Validating ETL process by the following methods- Count Validation Source (vs) Target,Data transformation correctness based on the Business Rules
- Duplicate Run testing- Making sure when task is run again no data is loaded
- Negative testing with invalid test data
- Sample Testing – Randomly validating data.
- Developed and executed advanced SQL queries to validate the data in the reports.
- Performance testing with high volumes of data
- Verifying the regression test scenarios.
- Creating Requirements traceability matrix
- Verifying the data with Adhoc reports from BO.
- Verification of Data Quality
- Leading team at offshore & Onsite

<b>OS</b>	Windows xp
<b>Database</b>	Oracle 11g
<b>Other Tools</b>	Quality Center,Rapid sql,Business Objects

#### **Nov 2009 – OCT 2010**

##### **Infrastructure Testing**

**Employer :** TATA Consultancy Services Ltd

**Client:** Qualcomm INC, USA

**Location:** San Diego,CA

**Role:** Test Engineer

Mediaflo is the technology enabling users to watch their favorite live tv channels on their mobile devices.It provides various services like Realtime services ,Clips and IP data cast services.This project deals with supporting of infra support for the various Mediaflo components.Servers would be upgrades based on the new features and the patches.

##### **Responsibilities :**

- Installation and upgrade of MediaFLO server components on Red Hat Linux
- Regression testing on the updated servers
- Identification of Test scenarios
- Test and verify user interaction on MediaFLO device for subscription, billing transactions, requests for service license, usage tracking through 3G unicast network to MediaFLO servers and database.
- Debugging the issues occurred in production.
- Maintenance of shell scripts based on new requirements
- Load testing on specific components of Mediaflo
- GUI testing for the mobile applications and the interface system

<b>OS</b>	Linux
<b>Scripting</b>	Shell
<b>Database</b>	Oracle 11g
<b>Other Tools</b>	Test Depot, QXDM,QPST,Putty,Toad and WireShark ,SOAPUI,LDAP

#### **Sep 2007 –Sep 2009**

##### **Business Lending Portal**

**Employer :** TATA Consultancy Services Ltd  
**Client:** BB&T Bank, USA  
**Location:** Winston-Salem(Sep 2007 – May 2009)  
TCS Chennai(May 2009-Oct 2009)

**Role: Test Lead**

The Bank has a system BLP(Business Lending Portal) Where it calculates the risk grade for Individual and Commercial customers.The Bank employees consider the risk grade calculated by the BLP to issue the new loan for customers.

**Responsibilities :**

- Test Planning a
- Supporting UAT
- Preparation of Weekly and Monthly Status Report using macros.
- Test Cases creation and Execution
- Final QA Report
- Scheduling and performing all required tests including Regression, Functional, Performance
- Planned infrastructure for the test cycles.
- GUI testing of the site on different browsers
- Design and Preparation of efficient automated test tools using VSTS.
- Supported production support by analyzing the issues
- Managing the test onsite team.

<b>OS</b>	Windows XP
<b>Language</b>	.Net,Ajax
<b>Database</b>	SQL Server and MS Access
<b>Other Tools</b>	Microsoft VSS, TFS,Microsoft VSTS,Fiddler

**July 2007-Aug 2007**

**Branch Automation**

**Employer :** TATA Consultancy Services Ltd  
**Client:** BB&T Bank, USA  
**Location:** Raleigh NC  
**Role:** Automation Engineer

The BankPro application is meant for opening an account in the bank such as checking, savings or a Loan processing.This application is used by the bank employees.The bankpro has different set of rules for different states across US.

**Responsibilities :**

- Analysis Of new requirements and identify new test data for automated scripts
- Automating the new test scripts
- Setting up the environment for testing
- Running the regression tests
- Verification of defect resolution once the defects are fixed
- Reporting all defects with their possible cause.
- Debugging of the automated scripts
- Preparation of Weekly and Monthly Status Report

<b>OS</b>	Windows
<b>Language</b>	Argo
<b>Database</b>	SQL Server.
<b>Other Tools</b>	Silk Test

**May 2006 - June 2007****Reference Data(Basel II)****Client:** Bank Of America,US**Location:** TCS office at Chennai, India**Role:** Developer**Responsibilities :**

- Prepared the low level Functional Design Document as per the business requirement
- Requirement gathering and Coordination with Onsite
- Developed and tested TSS, TDS and TDM mappings to load data into THub.
- Developed Mapplets
- Involved in scheduling of Informatica jobs through Autosys(scheduling tool) .
- Perform Unit testing
- Review the code in order to predict post production bugs
- Through validation of EDW data to make sure all the Source to target transformation rules are applied as per the data mapping(requirement) document.
- Validated various Mappings and Transformations for migration of data from various Sources to EDW using Informatica Workflow Designer
- Maintaining the Workplan, Traceability matrix and entire project related information.
- Ran batch jobs through UNIX(Scheduled in Autosys) and monitored session/workflow logs
- Maintaining all quality check before delivery
- Detailed documentation of Migration in different stages
- Guide/Help the team in the migration process
- Participate in client meetings

**OS**

Windows NT,Unix

**Database**

Oracle 9i

**Tools**

Informatica 7.3, Oracle 9i, Toad 7.1,Autosys 4.0 ,Putty

**Jan 2006 - April 2006****Card Claims Process Re-Engineering (CCPR)****Employer :** TATA Consultancy Services Ltd**Client:** Bank Of America,US**Location:** TCS office at Chennai, India**Role:** Test Lead**Responsibilities :**

- Analyzing the Business Requirements and System Specifications to understand the application
- Involved in System test plan creation based on the requirement and design document
- Involved in Creation and review of test Scenario and test Case based on requirement and design document including the GUI requirements
- Involved in preparation of data requirements for the activity based on the requirement and design document
- Tracking the Test Plan/Test Specification vs. Requirements
- Test cases that are manually executed to test application functionality against system requirements to ensure security and performance and bugs are reported in the Online tool
- Involved in giving induction for the new joiners in the project
- Prepared Testing Metrics for all the testing activities done.
- Participate in client meetings

<b>Hardware</b>	Windows XP
<b>Language</b>	J2ee
<b>Database</b>	Oracle 8i
<b>Tools:</b>	Quality Center

**Feb 2005 - Dec 2005**

**X-75 Component Testing. (Call handling subsystem)**

**Employer :** TATA Consultancy Services Ltd

**Client:** Major mobile equipment vendor, Europe

**Location:** TCS office at Chennai, India

**Role:** Tester

**Responsibilities –**

- Analyzing the System Requirement specifications to understand the application
- Preparation of Test Plan
- Test Data generation
- Test Environment preparation
- Test Case Scripting
- Test Case Execution
- Automation of Test Cases.
- Planned infrastructure for the test cycles.
- Regression Testing on the bug fixed software
- Sending Code coverage reports.
- Participated in status meetings.
- GUI automation using Rational Robot

<b>Environment</b>	: Windows PC Mobile Simulator and MS Visual .Net
<b>Language</b>	: C
<b>Tools</b>	: Rational Test Real Time, Rational Robot

**EDUCATION:**

<b>Course</b>	: Bachelor of Engineering in Electrical and Electronics
<b>Institution</b>	: University Of Madras, Chennai.India
<b>Duration</b>	: 2000-2004