Praveen Kumar

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**Sr. QA tester**

**OBJECTIVES:**

To have an opportunity to serve position in the field of **Software Quality Assurance** and **Testing** in a growing organization that will utilize my analytical skills and experience gained during my previous projects to provide effective solutions, to meet customer needs and accomplish organization’s goal.

**PROFESSIONAL SUMMARY:**

* Over 6 + years of diversified experience in Software Quality Assurance and Software testing.
* Excellent Manual and Automation testing skills on Web-based, AS/400 and Client/Server applications.
* Extensive knowledge and experience in Software Development Life Cycle (SDLC) and experience in testing .Net, JAVA and VB Applications.
* Skilled in conducting System, Integration, Functional, User-Acceptance Testing (UAT) and improvement of QA Process.
* Expert in writing Test Plans, defining Test Cases, developing and maintaining Test Scripts, Test Case Execution, Analyzing Bugs and interacting with team members in fixing the errors as per specifications and requirements.
* Extensive experience in QA Principles and Processes, Methodologies, Test strategies, Metrics and Measurements, worked through each and every phase of Testing Life cycle, beginning with planning to the release of the product.
* Extensive expertise in manual testing includes Requirements Analysis, developing Test plans, Test Cases, Test scripts and Requirements Traceability Matrix.
* Experience in all stages of testing namely GUI testing, Functional testing, Performance testing, Integration testing, and User Acceptance testing, Compatibility testing manually as well as using automated test tools.
* QA methodologies like Rational Unified Process (RUP), Agile, Prototype, Iterative, XP, and GSDM.
* Experienced in evaluating test results using test tools to manage Test scripts, Test execution and Defect resolution process.
* Experience in full life cycle of automated testing using tools such as Quality Center, Quick Test Professional (QTP), Rational Test Manager, Load Runner, Win Runner, Rational Clearquest and Bugzilla.
* Specialized in extensive usage of the tools like HP Quality center from Requirements gathering till defects reporting.
* Extensive experience of Automated Testing with Mercury Suite of products including HP Quick Test Professional (QTP) , HP Quality Center (QC), Itko Lisa, Selenium, Load Runner(LR).
* Extensive experience in the Administration of HP Quality center including the organization of Projects, Creation of different releases, Dashboard management, User access control.
* Functional Expertise in Insurance Domain: Quote, New Business, Underwriting, Policy, Rating, Billing and Claims
* Functional Expertise in BFSI Domain: Derivatives, Equity and Options Trading, Cash Management System, Core Banking, Mortgage, Prime Brokerage.
* Knowledge in Configuration Management using VSS 6.0 and Clear case.
* Experience in VB Scripting for automation using HP Quick Test Professional (QTP).
* Involved in the testing of the application and services were built based on Java, .NET and J2EE architectures.

**Technical Skills**

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| **Data Bases** | **MS Access, SQL Server, Oracle** |
| **Languages** | **C, C++, Java, PHP** |
| **Operating Systems** | **MS Windows 95/98/2000/XP/Vista/7, Sun Solaris 2.8, Mac OS X** |
| **Requirement Management Tools** | **Rational Requisite Pro** |
| **Project Management Tools** | **MS Excel, MS Word, MS Project** |
| **Business Modeling Tools** | **Rational Rose, UML, MS Visio,** |
| **Defect Tracking/Reporting Tools** | **HP Quality Center, Quick Test Professional, Rational Clear Quest, Clear Case** |
| **Web Technology/Server** | **HTML, XML, HTTP, Apache, Eclipse** |

**Professional Experience**

**Capital One Finance, Richmond, VA Sep 14 – Till Date  
Sr. QA Analyst**

Bank Object Migration: The Capital One is a diversified financial services company offering a broad array of credit, savings and loan products to customers in the United States, UK, and Canada. This project involves four phases Discovery, Design, Development and Implementation. This project includes the Capital One Finance (COF) environment, as well as Auto Finance, Point Of Sale, Home Loans, Hibernia Bank (Bank South) and Norfolk Bank (Bank North). The scope of the project is to create a consolidated global Microsoft Active Directory infrastructure that provides Capital One employees simplified and unified access to computing resources. The Design phase includes consolidating the Capital One assets from the current LOB Forests into the ds.capitalone.com forest. The design phase includes migration of Bank South (Hibernia) and Bank North (Norfolk) Novell Directory Services (NDS) resources into the Capital One Finance (COF) Active Directory (AD), manually re-creating Printer Services and performs Application Remediation

**Responsibilities:**

* Interacted with Users, Business Analysts, gathered business and technical requirements, reviewed business requirements, technical requirements and specifications.
* Responsible for handling complex projects and participating in the full SDLC Cycle.
* Involved in developing Test Methodologies, Test Strategy, Test Plans and test cases, Design and developed the manual tests for 5 modules.
* Analyzed system requirements specifications, developed Test Strategy, Test plans, Test Cases, Test Data for manual testing of the functionality, GUI, Compatibility, performance, usability and User Acceptance of the application.
* Used the automated tool QTP for Functional Testing and Regression Testing.
* Created Test strategy, Test plans and test cases for various phases of migration including the Object Migration, Object Synchronization, Workstation Migration, Printer Migration and Application remediation.
* Used HP Quick Test Pro and ITKO Lisa for Web Service Testing.
* Used migration tools like Quest NDS Migrator and Quest NDS Reporter to migrate the NDS Objects into the AD.
* Worked on Microsoft Windows Server 2003 during the migration of NDS objects including the Users, Groups, Organizational Units, Workstations and Printers.
* Enhanced and modified the scripts according to the test case scenarios.
* Worked with Quality Center to trace the requirements, write the Test Cases in the test plan, execute the Test Sets in the test lab and track the Defects logged in the defects module.
* Used Microsoft excel and Word 2003 to document the test status reports and the test data.
* Successfully completed a Proof Of Concept (POC) for web recording of an web application using iTKO LISA.
* Used Automation of regression testing QTP by creating verification points e.g., objects data, object properties, window and image verification, database verifications for testing functional, acceptance and limit validations. Also inserting synchronization points.
* Good understanding of SOA Architecture. Ability to develop LISA scripts from scratch, Modify scripts and execute them.
* Responsible for inserting checkpoints to verify the functionality of page, text string, XML and table objects.
* Created batch scripts to automate the execution of the recorded scripts.
* Executed the defined performance test strategy, performance test cases, load scripts and documented the issues and re-tested software fixes to ensure the issues are resolved.
* Involved in Test Case Execution of the application using iTKO LISA and Reported defects in HP Quality Center.
* Designed and developed complex performance testing strategy to enhance work load distribution test models.
* Performed extensive back end Database testing using complex SQL queries.
* Wrote complex SQL Joins, Unions and Nested Queries on various data tables for Data validation.
* Performed Database validation using PL/SQL Functions, Cursors, Packages, Stored procedures and Database triggers.
* Experience in working with SQL Server 2005 to query the NDS and AD databases during the migration process to verify the objects migrated into the COF AD.
* Used HTA scripts to verify the migration logs for the NDS to AD migration process.
* Created test data for validating scenarios based on functional requirements specifications.
* Created Test scripts and UAT test cases and coordinated with the UAT Team and Project manager and performed User Acceptance Testing with the Users.
* Conducted integration testing, identified application errors, resolved issues through bridge calls.
* Provided management with daily status reports.
* Worked closely with cross-functional teams including Users, development, marketing, validation, and technical writing.
* Coordinate with the administrator, CM, PM and testing lead for the precise scheduling of the test runs.
* Assisted external clients during the UAT. Conducted and created reports at the end of the UAT test.
* Participated in Defect Review meetings and Quality Assurance meetings
* Responsible for creating and maintaining Requirement Traceability Matrix (RTM) and traced the requirements to the corresponding test cases.
* Created Test data according to different Scenarios to verify Reports.
* Generated Change Requests for failed test cases and assigned them to responsible developers.
* Categorized bugs based on the severity and interfaced with developers to resolve them.
* Conduct Execution team meetings and Delivery team meetings on daily basis to acquire and update the status.
* Weekly Status meeting with Development and Management teams to discuss bugs and other issues.

**Environment:** Quality Center, MS Excel, MS Word 2003, HTML, Windows Server 2003, LISA, SQL Server 2005, TSL, Quest Tools, Win Runner, MS Outlook 2003, QTP, Excel, PowerPoint, MS Project

**Client: Chase Bank, NY Mar 2013- Aug 2014**

**Roll: Sr. Automation Tester/Quality Analyst**

Chase bank application involved in performing different banking operations was tested. Multi-tier landscape of Chase bank application tested: Web server to interact with users via browser, Data base to store data and procedures, Transaction processor with large capacity to handle millions of transactions per second.

**Responsibilities:**

* Responsible for testing Bank Loan information web based application used to request and approve mortgage loan requests.
* Understanding and analyzing the Business Requirements and formulate the Test Plans based on requirements.
* Involved in creation of automation framework using selenium.
* Created, and developed Test Cases and Test Plans on the basis of business requirements.
* Responsible for execution of test scenarios and test cases for end-to-end functionalities and verified the results
* Conduct Functional, System, Integration (SIT), Smoke, Regression, End-to-End testing manually and using Automation Tools like QTP and SoupUI.
* Involved in SQL Optimizations, Performance Analysis, and future growth analysis for OLTP and data warehouse applications
* Expert in Using Automation tools like QTP and SOAPUI tools
* Performed Testing on various Test Cycle dependent data complying with the required system as well as the environment dates
* Responsible for creating Dataflow diagrams use cases and use case diagrams using MS-Visio and Rational Rose.
* Performed Manual Functional testing with Quality center and Automation functional testing with QTP
* Conducted a web based UI testing, browser interfaces using ITKO Lisa tool
* Responsible for converting manual test cases into the automation scripts for regression testing.
* Defects were tracked, reviewed, analyzed and maintain defect life cycle.
* Expertise in testing Distributed Web-Based Applications, Client-Server, Java, Java Swing, J2EE applications, Siebel Applications, .NET applications
* Reduced environment downtime by 20% by implementing Service Virtualization using iTKO LISA tool.
* Experience in writing automated tests using open-source tool Selenium Web Driver.
* Ensure entry criteria & exit criteria are met for each test cycles in each release
* Interacted with developers for the modifications requests (MR).
* Tested Web Based CRM (Customer Relationship Management) Vantive.
* Conducted backend testing with Complex SQL queries.
* Testing (DW/BI) extract, transform and load (ETL) based Projects using IBM DB2 and Teradata.
* Involved in Functionality, System and end-to-end Regression testing during the various Phases of the development using Win Runner.
* Involved in database testing using SQL commands for testing the performance of the application.
* Tested SQL queries, PL/SQL scripts to validate the data and performance of the database.
* Generate initial use-case diagrams using UML and Rational Rose; design prototypes.
* Inserted check points to check for text, text area and standard properties of an object using QTP.
* Performed positive/negative testing on Financial Analysis and Calculation Logic module
* Responsible for weekly status updates showing the progress of the testing effort and open issues to be resolved

**Environment**: Java, MS-SQL, Quality Center, Rational Rose, Selenium. Load Runner, LISA, SQL Server, SQL, PL/SQL, Oracle 11g, IBM,CRM,

**M&I Bank, Milwaukee, WI Jan 11 – Feb 13 QA Tester**

M&I Bank is a diversified financial service that provides trust and investment management, equipment leasing, mortgage banking, asset-based lending, financial planning, investments, and insurance services from offices throughout the country and on the internet. The project involved available facilities on the web site of the bank to personal and enterprise account holders. Customers can go to the bank site to check personal checking, saving, Money Markets, Consumer lending, statement options, transaction documents and forms.

**Responsibilities:**

* Participated in the management of testing project with the help of Quick Test Pro.
* Developed and executed test cases, test scenarios and followed-up defects using QC.
* Developed automation test scripts for performing regression testing on the application using QTP.
* Inserted Checkpoints to check for broken links, Text and standard properties of an object using Quick Test Pro.
* SQL queries are used for backend testing on the UNIX platform.
* Tested the interface between database and the application.
* Done web-site testing including validation of the page, browser compatibility and flexibility of the pages.
* Developed Base-line scripts for performing Regression Testing on future releases of the application.
* Developed test scripts for Data Driven tests. Executed the test scripts and analyzed the results.
* Verified the application’s functionality on different Configurations with QTP.
* Participated in requirement walkthroughs and creation of test plan.
* Developed Test Plans, Test Cases to test the Screens and workflows for Quality Assurance.
* Involved in both Manual and Automated testing.
* Performed User Acceptance Testing (UAT) manually.
* Performed Sanity Testing and Smoke Testing.
* Interfacing with developers to resolve the technical issues.
* Enhanced test scripts using various utilities provided in Quick Test Pro like check points, Data Driver wizard for testing multiple data input.

**Environment:** QTP, Load Runner Oracle/UNIX, QC, SQL, Waterfall, Apache, MS Office tools.

**Eagle Bank Corp, Silver spring, MD Jun 2008- Dec 2010**

**QA Tester/Analyst**

**Description:** Empower Lending Application. Worked on a Financial Loan Application that is designed to provide loan accessibility to all the departments in the bank that was embedded on the Empower Application. Routines are required to add, modify and delete loan applications and mortgage details to adjust the value of annual operating expenses and income based on the total output of the loan applications. Strong emphasis was applied towards black box testing, performance testing and UAT. Various problems detected have been eradicated by the regular maintenance and checking the functionality of the financial application.

**Responsibilities**:

* Generating and implementing templates for Test Plan, Test cases, Test Scripts on Empower lending application.
* Performing Functional Testing and GUI testing manually and using Win Runner.
* Conducting Back End Testing manually.
* Performing Negative and Positive testing manually.
* Developed test scripts for Data Driven tests using Win Runner.
* Used Load Runner for Performance, Stress testing and Load testing and User Acceptance Testing (UAT).
* Created Scenarios in Load Runner Controller.
* Regularly met with team leads, other team members to evaluate the project progress.
* Involved in Performance Testing to simulate a process, which allows more than 100 users to login at the same time, and observe the behavior of the system by using Load Runner.
* Recorded Test cases using the automation tool QTP, for web based application and checked the functionality of the application.
* Used Rational Clear Quest for version control, tracking defects, enhancement requests, assign work activities, and assess the real status of project.
* Participated in walkthroughs and Verification sessions.

**Environment:** QTP, Manual Testing, Test Director, UNIX, Windows 2000, Citrix.