**Professional Summary**

* 13+ years of industry experience in Quality Assurance, Use Case design, leading of testing team for several projects, and Software Testing strategies (Manual and Automation).
* 5 years’ experience as Distribution QA Lead for Save A Lot corporation
* 6 years’ experience on testing Retail application, Warehouse Management System (WMS), Pricing Management and AS400.
* Experience with Mobile app functional testing(Android/Apple)
* Experience with web services testing
* Experience with VB, .Net, Java, FLEX, Unix, Oracle, Cobol, SAP system/application testing
* Extensive Business knowledge on creating Regression Test scenarios for banking, retail, and accounting applications
* Expert on creating Master Test plan, Test Scenarios, and Test Scripts
* Strong analytical skills on understanding scope of testing business need and goal.
* Expert on Translating Software Requirement Specification into Use cases that is separate than Business Systems Process Flow. This model helps understand the start and end point of testing
* Created the user training documents before and during production deployment of the tested system/application
* Excellent knowledge of Software Development Life Cycle (SDLC), Iterative Software Development Life Cycle Process as per Rational Unified Process (RUP).
* Experience with Object Oriented Analysis and Design (OOAD) using UML, Rational Rose, Requisite Pro, Rational Clear Case, MS Visio and MS Project.
* Sound knowledge and experience in developing RUP based documents like Vision, Requirements Management Plan, and Supplementary Requirements Documents.
* Proficient in creating and analyzing UML diagrams like Use Case Diagrams, Class Diagrams, Sequence Diagrams, Collaboration Diagrams, Activity Diagrams, and State Diagrams.
* Extensive experience with conducting and participating in Joint Application Development (JAD) sessions with SME's (Subject Matter Experts).
* Ability to create Requirement Traceability Matrix (RTM) for managing changes in requirements using Rational Requisite Pro and MS Excel.
* Performed GAP analysis/Saturation studies to effectively gather business requirements with Business Analyst.
* Efficient in translating Business Requirements into Functional and Non-Functional Requirements using UML diagrams and RUP.
* Documented test plans, reviewed with managers which contain goal of testing, scenarios, QA test scripts, test cases, test data and expected results for User Acceptance Testing **(UAT)**
* Set up environments and perform **UAT** testing for the QA team
* Strong analytical and problem solving skills, excellent planning and multi-tasking abilities, with proven experience in utilizing people and process knowledge to help enterprises make critical decisions.
* Earned several recognitions from the business and IT management as Team Player, Standards, Urgency, and Integrity.

**SKILLS SUMMARY**

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| **Modeling Tools** | Rational Rose, MS Visio, Word |
| **Databases** | MS Access, MS SQL Server 2000/2008, Oracle, Prod/Dev/QA-SAL. |
| **Operating Systems** | MS DOS, Unix, Windows NT/9x/2000-XP/VISTA/7, iOS, Webkit |
| **Design/Process** | UML, RUP, Waterfall. |
| **Testing Tools** | QTP,HPQC, JIRA, Win Runner, Rational Test manager, Mercury-Test Director |
| **Integration Tools** | Rational Suite (Requisite Pro, Clear Case, Clear Quest, Rose), MS Office (Word, Excel, PowerPoint), MS Project 2000, Crystal Enterprise 10, JIRA, HPQC, Aqua Data Studio (EDW), FileZilla, UltraEdit |
| **Languages** | C, Java, XML, Java script, HTML**,** Visual Basic. |
| **Testing** | Integration, Regression, Volume/Load, Smoke, White Box, Black Box, and Production compare.(Manual and Automation), Daiwa-3rd party to deploy into QA, Appcelerator Titanium-3rd party mobile development software used to streamline development between iOS and Android |
| **Application** | Mobile, SharePoint, Intranet (Java), Flex, AS400 Mainframe, IBM Iseries, NettermTriceps (Unix system WMS), .ASP,.JS,ASPX,.NET,VB, Extranet, Peoplesoft, Kronos, Revionics, BlackHawk, **Retek**, Tableau, SSRS reporting. |

**Professional Experience**

Nestle-purina Sept 2013 –MAR 2014

RESPONSIBILITIES

* Worked as ALM-HPQC 11- Admin and Senior Tester.
* Help associates with downloading ALM to Purina IT.
* Add, Activate, Deactivate users
* Manage eMail per user and user group
* Reboot server/troubleshoot when ALM stop working
* Created projects in QC
* Train new associates and users
* Work with automation QTP team on issues related to connection
* Maintain Test Lab, Releases, Test Plan and Defects.
* Functional testing of all SAP applications for Nestle/Purina
* Test Business Objects reports
* Test Cognos Reports
* Apply test methodology to all project work within SDLC process methodologies - Agile, Waterfall.
* Analyze requirements, data maps and data transformation rules.
* ALM /HP QC execution and defect management.
* Writing Test plans, Test Cases and create Test Estimates.
* Execute testing according to test plan and schedule.
* Write SQL queries to validate data as it is moved through the various tables in Data Warehouse.
* Validate Cubes/Universes created in SQL Server Analysis Services (SSAS) and/or Business Objects reporting tools.
* Develop testing standards and guidelines for repeatable processes.
* Data Warehouse, Application testing spread across multiple teams supporting Point of Sale, Trade Management and Business Objects reporting universes/data.

**Save-A-Lot Corporation May 2007 – August 2013**

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| ***IT- QA Lead SR.*** |  |

**Position Summary**

The primary responsibility of this position is to plan and execute testing of software changes originating from upgrades and new software development for an assigned group of products. These tasks were both long-term and short-term in nature and conform to product upgrade cycles and new software implementation schedules.

**Key Functions**

(45%) Participate in testing of new systems, system and environment enhancements and upgrades, and defect resolution activities. Create test data to meet specific test objectives. Perform and manage manual system, integration, regression, performance, and user acceptance testing. Document testing defects with proper level of detail and retest for compliance. Adhere to test management processes, procedures, and standards. Assist testers with documentation, walk through scenarios, test estimate, daily status report, grant access to HPQC and to specific application role for their projects.

(25%) Work with Business Analyst to translate business requirements into test requirements. Ensure business requirements and test scenarios are understood, evaluated, and verified such that systems function as intended. Develop test plans and manual test scenarios and scripts. Assist the Test Manager in estimating the testing effort for a project plan. Collaborate with business representatives, Business Analysts, and development teams to provide feedback on the testability of requirements and design specifications.

(15%) Report on status of testing activities to the Test Manager as defined in the test plan and/or required by the test management process. Provide written analysis of test results to the Test Manager regarding system readiness for promotion to the production environment. Provide timely feedback to the Test Manager regarding testing issues and concerns.

(15%) Participate in continuous quality improvement of established testing processes, practices, and standards. Mentor less-experienced software testers on process requirements, standards, and best practices as directed.

**Responsibilities and Activities**

* Attend JAD session for projects and enhancements
* Attend SRS review meetings
* Attend SAS and Detail Design meetings
* Create Master Test Plan
* Develops and executes manual and automation test scripts for system/integration/regression testing.
* Participate in product functional reviews, test specifications, documentation and release note review.
* Record defects in a manner that is reproducible
* Report test execution status daily/weekly to the Test Manager
* Submits work for review to Test Manager and actively participates in reviewing others' work and suggesting improvements. Reviews to make sure the quality of test documentation is consistent and reflects requirements and detail designs
* Maintain HPQC Users as an admin
* Assign appropriate users to appropriate projects in QC
* Generate defect reports and history reports for the test manager
* Select right components per projects, train and show how to save defect views to the users
* Escalate issues to appropriate Managers by priorities
* Contribute to process improvements
* Mentor associates and Interview new hires
* Coordinates tasks and deliverables of Testers/BSA I/BSA II as required by the Test Manager
* Perform UAT for all projects
* Assist QA team members on projects and report to manager daily
* Assist QA on estimate test time by scenarios

**Save-A-Lot Corporation**

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| ***IT- QA Lead Tester*** | ***May 2007 - January 2012*** |

I lead a team of 7 on several projects helping on the creation of Master Test Plan, Test timeline set up, Test Scenarios, Test scripts, and HPQC Defect management.

**Distribution Project(S) -** I have successfully led the team and completed testing projects such as:

**International Business**: POS upgrade for international stores. Inspectable items validation end to end for Pompano Distribution Center.

**Retek Sunset**: Experience in Retek Merchandising System (RMS) where RMS applications and interfaces to other Retek products were tested thoroughly.

**Triceps (Netterm) Analyzer**: Warehouse Management System upgrade. Enterprise Data Warehouse validation for ‘Pay for Productivity’ feed in a few applications.

**Ipad App**:

Company Ipad app testing for regional directors and Distribution managers

**Mobile App:**

Build this app by development team; I tested Mobile Application that was built per our CFO's Request. Having this application on cell/smart phone, Save A Lot regional directors can go to their stores, scan items and see the results of sales data, compare sales against last year sales, item movement, and Inventories at that location. Mobile application was downloaded to my I-phone and android OS phone's to make sure this application can be downloaded onto major smart phone supported by providers such as ATT, Sprint, T-mobile, and US cellular. Ensured that mobile app works in 3G and Wi-Fi networks'. I have prepared documentation for SAL-to register download right via Apple.

Develop includes:

* iPhone application targeting the 3GS and 4 models
* Choose location based on current position/radius
* Barcode scanning using the device’s video camera
* Performance metrics including:

-Sales metrics and graphs

-Inventory

-Labor

-Location Facts (contact info, date opened, address, etc.)

* Driving directions using the GPS sensor
* Location-relevant information delivery using the GPS sensor
* Contacts integration (phone numbers, addresses, etc.)
* Send e-mail with photographic attachment
* User to Store Authentication
* App automatically switches Landscape/Portrait orientation based on content
* Pinch zoom on web pages
* Camera for UPC scanning
* Application delivered manually

**AS400 Mainframe upgrade:**

The goal of this project is to upgrade the AS/400 operating system from V5R4 to V6R1.

This product implementation will be done in multiple releases. This is necessary because the vendor has determined that the current version of E3 will have issues with V6R1 of the i5 OS. Therefore we cannot upgrade the operating system until a compatible version of E3 has been deployed.

Release 1 – Deploy vendor-supplied versions of utilities that are compatible with i5 OS V6R1. These utilities will be running and tested under V5R4 in all environments (SALTST2, SALTST1, SALDEV1, SALAS400) prior to Release 2.

Release 2 – Upgrade AS/400 operating system to V6R1, and install vendor-supplied compatible versions of utilities tested in Release 2, including upgraded vendor-supplied versions of AWR E3, and KRONOS Timekeeper.

**Triceps Upgrade**:

Upgrade of the current warehouse management system for Distribution

**HR applications upgrade (KRONOS):**

Workforce Acquisition upgrade for candidate application data pool.

Upgrade of the current application

**HR application-Workforce Management for Distribution (KRONOS):**

I was responsible for leading the UAT testing team and report daily to my project director with 34 business users (HR), Distribution managers nationwide, SV India and 3rd party vendor (Kronos). This project allowed SAVE A LOT hire new employees and manage employee's job statuses, Medical report, background check including time management. I have led the team where 800+ test cases were created by the testers and executed by 34 business users and myself daily. I have used HP Quality Centeremail method to communicate with the team twice daily when issues found. Printed defect summary to review them with the team, set priority of defects, and often FLAG defects for follow up-daily.

I was responsible for testing and retesting all issues, documentation and make sure Retested results are updated as directed by Test Manager within HP Quality Center (test management for SAL). I was also responsible for Set up daily test status meetings, review test results and defects, discuss solution of all the defects, document decisions and meeting minutes.

**Purchase Order Maintenance:**

Buyers Tool for ordering and monitoring inventory

**Ordering System:** Store ordering system

**Handheld Upgrade:** Scanner upgrade and deployment of new applications for Distribution.

**Business Goals**

1. Reduce time required to locate and review item level information when creating a store order.
2. Increase availability of information used by store associates to make ordering decisions.
3. Increase sales and reduce shrink.

**Project Scope**

The scope of this project is to deliver more robust item information through custom developed software to the handheld device.

**In Scope**

1. Additional data on the hand held that includes:
   1. Item point of sale quantity sold history
   2. Item point of sale quantity sold trending
   3. Item Gross Margin (percentage)
   4. Pallet quantity per item

**SOX App:** SOX users at Save A Lot

**Win 7 upgrade:** Test workstation configuration with Operating System Win7 and Browser IE9. Ensure upgrade applied nationwide store, Distribution centers and corporate offices.

**Promotional Allowance**: Method of assigning Promotions to Items, Stores, and Distribution Centers. Application was developed to interact with AS400 and Warehouse management system. In 2007, I have created first Master Test Plan for SAVE A LOT Corporation; the template is currently being used for all projects.

**Auto Credit application**: Assigning credits to Items manually and automatically

**Retek Sunset**: This project is to move applications off UNIX to Wintel to allow the retirement of UNIX platform, also maintaining all the Appworx jobs for Lawson, Kronos, and Bank Recon to run on the Wintel platform.

Testing of existing Order Processing, Merchandising, Finance application and Reports related with Retek.

Few months later, I have worked on Removal of the 3rd party software (Retek), analyze and test the entire system to make sure daily operations of this company stays the same and do not affect any applications.

Test includes -Change the value of SAL\_CONFIG\_DRIVERS from an Oracle driver, com.inet.ora.OraDriver to a MS SQL driver, com.inet.tds.TdsDriver.

Change the value of SAL\_CONFIG\_JAVA\_URL from a URL to UNIX schema to a database, appconfig, on MS SQL.

**Upstream:**

New Distribution Center added and to make sure all other DC's and stores are communicating to each other

**EDW related projects**:

All the sales and accounting related reports and data feed to our parent company via

Enterprise Data Warehouse (projects) location.

-Used FileZilla and Aqua Data Studio as query tool

-Take a ‘Before’ picture from data pool-Sales data count

-Create or copy data from Corp database

-Responsible to check projected data is loaded into the data warehouse without any data loss and truncation. (Cyclone)

-Validated data is converted correctly according to Save A Lot requirements and rules.  
-Run batch (Appworx, AS400, webservices)

-Make sure that data is loaded in data warehouse Retail/EDW within estimated and expected time frames to confirm improved performance

-Validated data count

-Validated report

**SQL server Upgrade**:

Database upgrade from 2000 to 2008. Assigned 3 consultants and I tested Java, .Net, VB, UNIX, Mainframe, Revionics, BlackHawk, Kronos communication.

**IE 7**: Intranet upgrade to IE7

**Epos**: Upgrade of the retail system for the corporate to the store.

* Worked using Intranet, AS400, Triceps (UNIX system), .ASP, .NET, VB, Extranet application at this company.
* Manual testing Retail, Intranet applications, ran batch jobs in AS400/Appworx/Webservices and validated data in backend by running SQL queries.
* Back end testing within AS400 (WRKACTJOB)
* Back end testing within Unix (Triceps) system with systems analyst's help running shell scripts
* Run queries in Aqua Data Studio to make sure data match against production
* Run Appworx chain's (job), verify source and destination, query in query analyzer to ensure data are valid
* Familiar with SharePoint (2007) applications for Supervalu home and Save A Lot where test team updates calendar on vacation or out of office, get approval email.
* Tested Java, .Net, VB, and Mainframe applications as needed.
* Ensure all applications and systems communicated after a upgrade to Mainframe or Unix Distribution management suit. Assisted with testing Java Database Connectivity, iSeries Navigator, Laservault and Triceps configuration.
* The various AS400 object types (OCL, CL, OPM COBOL, ILE COBOL, DSPF, CLLE, Menus) was tested for compatibility after V6R1 installs for AS400 mainframe upgrade
* Familiar with UNIX shell scripts/command
* Tested data populated in database tables after backend batch job
* Tested several applications with Webservices written in Java 6
* Worked using Crystal Enterprise reporting, SQL server reporting, and Intranet reports to validate data/Expected results
* Worked with Kronos timecard, GUI application, and reporting services to ensure quality and accuracy of test results
* Input thousands of records into application or system, ran batches manually and validate data at the output application such as billing reports.
* Created the First Master Test Plan for Save-A-Lot IT department.
* Prepared the test plan and performed different phases of testing including the business functionality testing, integration testing, positive-negative, and smoke testing for business and functional requirements.
* Involved in system and User Accepting testing in various environments.
* Manually conducted Front End and Back End testing.
* Tested user interface inconsistency and application functionality.
* Involved in creation of regression testing scenarios for the team.
* Performed database testing by using SQL queries.
* Execution of Manual scripts for each release.
* Written SQL Queries on Aqua data Studio database (Production, Development, QA).
* Compared QA data against production to ensure quality.
* Developed and executed manual test scripts for system/Integration/Regression testing
* Participated in product functional reviews, test specifications, documentation and release note review
* Record defects in HP Quality Center in a manner that is reproducible
* Reported test execution status daily and weekly to the Test Manager
* Print out summary and details of the defects logged in HP Quality Center during Project Status meetings
* Submitted work for review to Test Manager and actively participate in reviewing others' work and suggesting improvement. Review to make sure the quality of test documentation is consistent and reflects requirements and detail designs.
* Escalate issues appropriate development Managers
* Contribute to process improvements of QA life cycle
* Mentor associates and new hires on HP Quality Center and supply chain Business Process.
* Test reports produced with Microsoft SSRS and Crystal Reports.
* Validation of report data by using SQL query tools (PL/SQL Developer,   
  SQL Server Management Studio) to compare source data (from Oracle and SQL Server) with report output
* Validation of report layout according to the functional specifications
* Validate report functional specifications, test scenarios, and necessary data query logic/conditions
* Coordinate tasks and deliverables of BSA 1 and BSA 2 as required by Test Manager.
* Improved test scripts document by adding columns such as - HPQC defect ID, Requirement ID, How many times tested, besides step#, expected and actual results.
* Helped improving Master Test plan, Test scenario, and Issues summary form with managers.
* Attend in Interview meetings when hire new team members

***Environment:*** *Flex,**Triceps, Oracle, MS Excel, MS Word, MS PowerPoint, SQL Server 2008, Mainframe AS400, Crystal Enterprise, SSRS, HPQC-v10.00, QTP, Tableau.*

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| **QA (consultant)** | **September 2004 – May 2007** |
| **State Street Bank** | **Boston, MA** |

State Street Bank provides securities and commodities brokerage, investment banking, trust services and asset management, related financial services to individual and institutional clients. The focus on this (Template Driven Framework) project was to help Traders and Brokers to complete a trade life cycle with the interaction of Middle Office and to get feedback promptly from back office. Where Middle office processes a secure management of invoices and payment approvals, improve workflow for handling approvals and disputes, get the trading process fast under the guideline of Straight through Process.

* Used Rational Unified Process (RUP) for managing the SDLC for project.
* Involved in Joint Application Development (JAD) Sessions with representatives of stakeholders to determine the business needs and define the functional requirements.
* Interacted with developers and studied Design Specification to understand current version of application.
* Contributed with business experts to format the front end screen to ensure its compatibility with SWIFT format.
* Documented changes required in Design Specification Document.
* Interacted with Domain Knowledge Experts (DKE) to gain a better understanding of the business environment and the firm's competitive advantage.
* Conducted Saturation Study and performed Gap Analysis to determine the domain and application requirements of the design.
* Defined and documented business requirements by using Rational Requisite Pro.
* Used Rational Rose as a UML modeling tool to build Use Case, Class, Sequence, Collaboration, Activity, and State diagrams and Rational Requisite Pro for managing requirement documents.
* Involved in creating Vision Document to outline overall scope of project.
* Involved in developing the Requirement Management Plan by identifying high-level technical and non-technical requirements as well as identifying the available personnel skills.
* Utilized RUP templates for creating Software Requirements Specification document and developing the Software Development Plan.
* Worked closely with the testing team to prepare test plan and writing test cases.
* Written SQL Queries on MS Access database.

***Environment:*** *Oracle, UML,MS Access, MS Project, MS Excel, MS Word, MS PowerPoint, Java, SQL Server 2000,STP,Client- Server, Mainframe, SWIFT.*

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| **QA Tester/Business Systems Analyst 1** | **January 2003 – August 2004** |
| **WellChoice** | **Iselin, NJ** |

**Project –** EMPI UID (Unique Identifier) project is a business solution to state and WellChoice mandates to replace SSN as the identification ID on health cards with a different unique identifier, thereby protecting identity and preventing frauds. This is an enterprise wide initiative and impacts wide spread project teams. The Enterprise Master Person Index, or EMPI for short, will provide the ability to construct a view of a member across processing systems and will establish a single source - that can locate a member across all lines of business. This EMPI application was developed in Java, J2EE, Web services, XML, Java Script, HTML, SQL and **Oracle** is used by all offices of WellChoice Insurance for uploading, storing and downloading of documents as and when required.

* Used Rational Unified Process (RUP) for managing the SDLC for project.
* Involved in Joint Application Development (JAD) Sessions with representatives of stakeholders to determine the business needs and define the functional requirements.
* Interacted with developers and studied Design Specification to understand current version of application.
* Documented changes required in Design Specification Document.
* Interacted with Domain Knowledge Experts (DKE) to gain a better understanding of the business environment and the firm's competitive advantage.
* Conducted Saturation Study and performed Gap Analysis to determine the domain and application requirements of the design.
* Defined and documented business requirements by using Rational Requisite Pro.
* Used Rational Rose as a UML modeling tool to build Use Case, Class, Sequence, Collaboration, Activity, and State diagrams and Rational Requisite Pro for managing requirement documents.
* Involved in creating Vision Document to outline overall scope of project.
* Involved in developing the Requirement Management Plan by identifying high-level technical and non-technical requirements as well as identifying the available personnel skills.
* Utilized RUP templates for creating Software Requirements Specification document and developing the Software Development Plan.
* Involved in creating initial test cases with the testing team.

***Environment:*** *Oracle, SQL, Java, Web services, XML, Java script, HTML, Windows NT, MS Office, RUP, UML, and Rational Requisite Pro.*

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| **QA (consultant)** | **March 2002 – December 2002** |
| **Harris Financial Corporation** | **Chicago, IL** |

**Vehicle Re-marketing Unit System:** I was responsible for writing SRS testing of the front-end GUI application. This system handles customer repossession, bankruptcy, title acquisition, proceeds tracking, transportation to auctions, and reinstatements. It is designed to follow a repossessed vehicle through all steps until the vehicle can be sold, and collects the information about the customers leasing and vehicle details.

**Responsibilities:**

* Used manual test method and Rational Suite of tool, Requisite Pro for reviewing requirements, Clear Quest for Defect management, Test Manager for Planning, execution and analyzing reports.
* Prepared the test plan and performed different phases of testing including the business functionality testing, integration testing, positive and negative testing for business and functional requirements.
* Involved in system and User Accepting testing in various environments.
* Manually conducted Front End and Back End testing.
* Tested user interface inconsistency and application functionality.
* Involved in regression testing.
* Performed database testing by using SQL queries.
* Execution of Manual scripts for each release.

***Environment:*** *JSDK, Visual Age, Web sphere, Windows, Rational Suite, MS Excel.*

**Education:**

Bachelor of Science in Physics, Rajshahi University, Bangladesh-1997

Computer Engineering & Electronics Technology, ITT TECH, Earth City, Missouri-2003-2005

Masters in Information Technology, Lindenwood University, Saint Charles, MO-Current