## Latha

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**Professional Summary:**

* Over 7+ years of experience in IT industry as a QA Engineer with proficiency in both automation and manual testing for testing **Web-based Applications and Client/Server Applications**.
* Software Quality Assurance (QA) and testing experience with a wide variety of projects and environment.
* Experience in all phases of **Software Testing Life Cycle (STLC), Software Development Life Cycle (SDLC), Bug life Cycle** and Methods like **Waterfall and Agile**.
* Expert in developing **Java Selenium WebDriver/IDE/GRID** test scripts and **Test Frameworks** using **TestNG/Junit, ANT/MAVEN** build tools.
* Extensive experience in using **Selenium WebDriver** APIs for writing **Junit** test suites and test cases for testing functionality with the **Selenium** Server.
* Sound knowledge on **Junit**, **TestNG** framework for **Unit** and **Functional testing**, **Maven** and **Ant** for Project **building**, **Jenkins** for **Continuous Integration**.
* Experienced in using **Jenkins** as a **Continuous Integration server** to configure with **GitHub and Maven**.
* Proficient in creating automation script from **scratch.**
* Strong experience in **cross browser, cross platform** web testing with Selenium **WebDriver.**
* Proficient in creating business based functional **Test Scenarios,** **Test plans, Test cases, Test Scripts, Test Specifications and Traceability Matrix.**
* Experience with comprehensive understanding of all phases of **Test Life Cycle**, including requirement gathering, test planning, and scheduling, testing, defect tracking and reporting.
* Expertise in **Functionality Testing, Smoke testing, User Interface testing, Integration Testing, Black Box Testing, End-to-end Testing**, **UAT testing**, **Regression Testing**, **single user Performance Testing**, **Documentation and Reporting**.
* Excellent knowledge in writing unique **XPath** using **firebug and fire path** to identify **web elements.**
* Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using **Quality Center, JIRA, IBM Clear Quest, BugZilla.**
* Experience in writing and executing **SQL queries** to perform **Data Validation** and Back end testing of databases to check the integrity of data.
* Experience in **Waterfall** (**Software Development Life Cycle -SDLC), TDD, BDD and Agile Project Environment.**
* **Excellent interpersonal skills**, proven team player with an analytical bent to problem solving and delivering under high stress environment.
* **Good analytical and communication skills** and ability to work independently with minimal supervision and also perform as part of a team.

**Technical Skills:**

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| **Testing Tools** | SeleniumIDE/WebDriver, Quality Center ,Clear Quest, Clear Case, QTP , SOAP UI , TestNG, Junit, Jenkins |
| **Build Tools** | Ant, Maven |
| **Browsers** | IE7 onwards, Mozilla Firefox |
| **Languages** | VBScript, Shell script, Groovy script, C, PL/SQL, Java, JDBC, JSP |
| **Databases** | Oracle 10g/11g, MS SQL Server 2000/2008 |
| **Others** | MS SQL Server Management Studio, Oracle SQL Developer |
| **Operating Systems** | Win XP/7, UNIX, Linux, MS-DOS |

**Professional Experience:**

**Client: J.C.Penny Plano, TX**. **Nov 15 – Till Date**

J.C.Penny Company is an American Retailer company that operates mid-range department stores in the [United States](https://en.wikipedia.org/wiki/United_States). It offers a wide range of fashion, beauty, home and accessory designers and brands products.

**Role: QA Engineer**

**Responsibilities:**

* Analyzed **BRD, HLD and LLD**
* Prepared all test deliverables throughout SDLC including Test plan, test scenarios, test scripts, test data, performed test execution, test result documentation, test reports, defect logging and tracking, test matrix
* Wrote **Automation test scripts** using Java implementing Selenium WebDriver/GRID to test Web Application
* Designed Automation framework and generated reports using TestNg for front end web application test.
* Created XML test suite for functional testing and regression testing
* Involved in Web Services Testing using **SOAPUI** to create and execute automated functional, regression, compliance, and load tests.
* Performed browser compatibility testing using **Selenium Grid.**
* Created automation framework using **POM- Page Object Model**, and Data Driven framework to test web application. Thorough understanding of POM using Page Factory
* Worked on version Control tools-SVN
* Provided walkthrough to project team for test deliverables like **test plan** and **test scripts**.
* Attend project meeting, and ensure all the issues and concerns are raised and project time lines are met
* Responsible for setting up test environments, requesting access levels for test team onsite/offshore, submission of jobs on test environments during test execution.
* Performed Test Execution and defect logging and tracking using HP **Quality Center**.
* Worked extensively on Quality Center modules- Test Plan, Test Lab, Defects and Reports.
* Conducted backend testing using **SQL** queries to validate data for database .
* Working closely with the Developers in the review and modification of the product and its specifications using Agile-testing methodology.

**Environment**: Java, Agile, Selenium WebDriver, TestNG, Maven, Jenkins, SOAP UI, Eclipse, HTML, XML, XPath, QC, Oracle, UNIX, Windows.

**Client: Emblem Health, New York, NY. Sep 14 – Oct 15**

Emblem Health is a medical insurance provider based in New York City. Emblem Health provides subsidized health insurance plans to all NY government personnel. I worked as a QA Tester on the GHI/HIP (subsidiary of Emblem) based applications which deal with claims processing of all its members. All claims processed through GHI and HIP systems were migrated to Emblem Claims processing system. We tested the data processed in these claims and claims with invalid information were rejected.

**Role: QA Engineer**

**Responsibilities:**

* Reviewed **business requirements and technical specification** documents and Analyzed **use cases, functional requirements** to write detailed **Test plans and Test cases**.
* Performed comprehensive manual testing to test website compliance against requirements, performed **Data driven testing** using **Selenium WebDriver, Junit functions and JDBC Connections** which reads data from scripts using property and XML files.
* Wrote and executed automated test cases using **Selenium WebDriver** to automate manual testing solutions.
* Developed and Executed Test Plans and Test Cases from **Requirements** and **Specification** documents.
* Authored and Executed **Automation** and **Manual** Test Cases for **Functional testing** of various modules of the application.
* Used **Ant, SVN, Selenium WebDriver, Jenkins,** Java to create automation scripts.
* Created Automation script using **Selenium WebDriver**. Executed scripts on **different browser** and different **platform**.
* Contributed to the **Continuous Integration** pipeline running component builds, creating and running Deployment jobs on individual stages on **Jenkins**, and running **automated** and **manual** **functional** tests.
* Worked closely with **Agile Scrum** team from several domains to ensure product testability while running Regression tests in **Selenium WebDriver** using **Junit**, and maintained test environments used for white box testing during new product releases.
* Responsible in executing **Selenium test scripts** on different **browsers** and checked for compatibility.
* Created data-driven automation scripts for testing **API Web Services** using **SOAP UI.**
* Performed **Regression Testing** of different modules automated in **Selenium**
* Performed Web Services testing with **SOAP UI** and performed **Security Testing** for Employee login validations.
* Analyzed the Batch Process, Work-flow behavior and **SOA/ Web Services testing using SOAP UI.**
* Used Jira for Test Management, for Functional Test Automation.
* Performed data validation through **SQL Queries** commands in Back-end Testing.
* Perform Functional Testing, Regression Testing, System Integration Testing, User Acceptance Testing (UAT) and End-to-End Testing.
* Created the test data and request for the test data dependent with the other applications to be used in the testing activities for the current release.
* Planned and executed Backend testing using numerous SQL Queries to verify the dataflow from the database.
* Responsible for collecting and analyzing the test metrics and then submitting the reports, which kept track of the status and progress of the testing effort.

**Environment:** Java, Agile, Selenium WebDriver, Junit, Jenkins, SOAP UI, Eclipse, XPath, ANT, Agile, JIRA, MSQL, Windows.

**Client: Sun Trust Bank, Atlanta, GA. Jan 13 – Aug 14**

Sun Trust Bank is one of the leading bank companies in USA. I was part of testing team which involved in testing of various personal checking accounts’ applications, which allowed customers to access convenient features and to sign up and open different checking accounts.

**Role: QA Engineer**

**Responsibilities:**

* Testing of new features by creating test specifications, test cases, and working closely with development and business teams.
* Performed Functional Testing, Regression Testing, User Acceptance Testing (UAT), and Integration Testing using Black Box Testing methodologies.
* Reviewed and updated **Requirements Traceability Matrices (RTM)** that satisfy all required project’s test conditions.
* Define, develop, and execute automation test scripts using Java that leverage black and white box testing across functional, non-functional and performance testing.
* Automated the Functional, Regression, Integration test cases using tools from Selenium Suite of products like, **Selenium Webdriver.**
* Tested compatibility of application for dynamic and static content under various cross browsers using HTML IDs and XPath in Selenium.
* Developed automated scripts using **Selenium, Java**, **Junit** in **Eclipse IDE** to perform functional and regression testing for web based applications.
* Developed **ANT** Build scripts to run Sanity Test scripts developed in **Selenium**
* Extensively involved in integrating **Selenium** with existing API to test framework.
* Responsible for **preparation of Test cycle/progress reports**, **analysis of defect metrics** & implement improvement actions for next iterations.
* Involved in **Defect Management, Defect Review** and **Defect Status Reporting.**
* Ran regression scripts to ensure that the existing features are working fine.
* Identifying, logging, tracking and escalating bugs using **JIRA**
* Performed **backend testing using SQL queries** to retrieve and verify information in the database.
* Developed **SQL queries to simulate data validation reports** and to stage test data for ongoing testing.
* Maintained QA/Test environments and assisted in build and deploy activities.
* Communicate testing status to QA lead, project managers, and teams who are involved in User Acceptance Testing.
* Interacted with the development team to validate the scope of fixing the bugs.

**Environment:** Selenium, Java, Junit, Ant, Eclipse, Jira, XPath, HTML, SQL, Oracle, Windows XP.

**Client: International Game Technology, Las Vegas, NV. Jul 11 – Dec 12**

International Game Technology specializes in design, development, manufacturing, sales and distribution of gaming machines and network system products internationally, as well as online and mobile gaming solutions for regulated markets.

**Role: QA Analyst**

**Responsibilities:**

* Developed a **Test Plan** and **Test Cases** based on system requirements and Software performance standards.
* Performed manual **Black box, Functional, GUI and Regression.**
* Prepared **traceability matrix** to ensure the adequate coverage of the test cases.
* Involved in user acceptance testing & general site validations of web page objects such as **HTML links & images**.
* Developed automation scripts for functional testing and Data driven testing of the application using **QTP.**
* Responsible for dealing with developers and business analysts to better understand requirements, functionality and business process for QA testing.
* Involved in running the scripts, modifying them if necessary and if there is some error in application then submitting a defect through **Quality Center.**
* Worked closely with developers to resolve the problems, and change the status of the defect in **Quality Center** also documented defects, test results and submitted to the QA Lead.
* Performed Functional Testing, Testing and cross browser functionality testing, UAT testing.
* Participated in meetings with project teams to ensure that the functionalities of the applications are feasible and can meet requirements.

**Environment:** QTP,Bugzilla, HTML, DHTML, SQL, Oracle and Windows

**Client: Bank of the West, San Ramon, CA. Aug 09 – Jun 11**

Bank of West project is web-based banking application consists of various products and services for personal, business and commercial divisions. This project was majorly focused on Online Banking for Business Users with WebDirect application, a new enhancement to the traditional online banking system. The main goal was to check the quality of array of new services or features like EImageID LogIn, Access Control Management, Information reporting to QuickBooks, online bill payments, Account Transfers, Stop Payment and account Reconcilement ability, Automated Clearing House (ACH) feature for batch payments, domestic and international Wire transfers.

**Role: QA Analyst**

**Responsibilities:**

* **Analyzed** business requirements, **documented** business requirements specifications, wrote **Test Plans**, **Test Cases**.
* Worked with development team to understand **technical design** and **architecture** for test planning.
* Worked under waterfall methodology.
* Executed Manual and Automated tests and reports defects by running automated tests; executing manual tests; reviewing results of all tests and reporting anomalies into the defect tracking database; verifying the resolution of all defects for an assigned project.
* Prepared required documentation for **testing signoff** by various parties as required by the project plans.
* **Assigned, Monitored** and **Tracked Tasks** of Team Members.
* **Updated Test Plans** and **Test Cases** periodically to manage changes in requirements.
* Uploaded test cases executed test cases and logged defects in **Bugzilla.**
* Connected to database to Query the database using **SQL** for **data verification** and **validation**.
* Performed back end testing on oracle database by writing **SQL quarries.**
* Created **SQL views to aggregate data** before moving to targeted database from legacy database to simulate results.
* Interacted closely with developers regarding defects, participated in **tracking, reviewing and analyzing** bugs.
* Worked extensively with business users to define scope and prepared ‘Documents of Understanding’ for various **change requests** by analyzing the feedback from user groups.

**Environment:** Java, Bugzilla, HTML, Oracle, UNIX**.**

**Education:** Bachelor’s of Engineering in Computer Science.