**Ajitha K**

**Senior Quality Analyst**

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**EXPERIENCE SUMMARY:**

* Over 8**+** years of experience in all phases of **software Development Life Cycle (SDLC)** and **Software Testing Life Cycle (STLC)** in Testing of web-based applications and API’s. Diversified experience in Automation, Performance and Manual testing serving various domains.
* Experience in **Functional and Automation**, Black Box, Regression, GUI Testing, Integration, Functionality, Positive/Negative and User Acceptance testing of both **Client-server and Web-based** applications
* Good at understanding the **Business Requirement** Documents, Functional Specifications and Technical Specifications.
* Expertise in Bug Reporting, Tracking and Documentation using **Quality Center, JIRA, Rally, Confluence**.
* Good knowledge of different phases of Software Testing and Software Development Life Cycle (**SDLC**) including **Agile** Methodologyand **Waterfall**
* Excellent experience in developing **Test Scenarios, Test cases, Test Scripts and Test reports** for **Manual** as well as **Automated testing** for various applications to ensure proper business compliance.
* Experience in using **Confluence** for writing the test cases, Executing the test cases and defect reporting and bug tracking using **JIRA**
* Experience in Manual Testing includes Functional, Regression and Integration Testing, Load Testing
* Experience working on **ETL testing** to validate Source and Target database.
* Experience in using **Mercury Quality Center/ALM** for writing the test cases, Executing the test cases and defect reporting
* Expertise in Functional Testing, Regression Testing, System Testing, GUI Testing, User Acceptance Testing, Orchestration Testing, Integration Testing, Black Box Testing, White Box testing.
* Proficient in both Functional and Automated testing using HP interactive products like - **HP Quick Test Professional**
* Experience in developing **automation testing framework using Selenium WebDriver** by following java.
* Experience in integrating Automation scripts (Selenium WebDriver API) on **Continuous Integration tools Hudson/Jenkins** for nightly batch run of the Script.
* Experience in testing Web Services-SOA architecture, XML transactions, SOAP, HTTP, WSDL, and REST using various industry standard tools like **SOAP UI and READY API**.
* Excellent knowledge of **Software Testing life Cycle** and Test Process Documentation.
* Analyzed and reported defects using **Quality Center/JIRA**, and interacted well with stakeholders in fixing bugs.
* Experience using **Selenium WebDriver** with core **Java** using Eclipse IDE for Automation testing.
* Well-versed with Object-Oriented Programming using **C# .Net and Java**.
* Proficient in testing commerce websites(Magento), Backend, Payment gateways, ERP, Mobile Apps and Desktop Websites.
* Experience in Performance Testing using tools **JMeter** and **NeoLoad** and developing the customized scripts for both API’s and Web Application’s.
* Experienced in testing requirements that were developed in **ETL** and BI of DWH applications and reviewed scripts for positive and negative test scenarios, and prepared test summary.
* Extensive experience in using **JIRA** for **Defect Tracking** purpose to report application bugs and enhancements request and discussed with developers to resolve technical issues
* Expertise to design mock up for **UI** solution using **Photoshop, HTML, DHTML and XHTML.**
* Very Strong **Analytical Skills**, **Technical Skills,** **Communication Skills** and **Interpersonal Skills**.
* Strong understanding of Quality Assurance testing methodology relative **Software Development lifecycle (SDLC), Software Development Engineer in Test (SDET) as well as Software Testing Life Cycle(STLC).**
* Good at understanding the **Business Requirement** Documents, Functional Specifications and Technical Specifications.
* Worked on Infor M3 ERP system, ION, MEC, eLink systems for testing.
* Knowledge and experience in **Web Services** testing using **SOAP UI.**
* Good experience in using **SQL** Queries to make sure that data was entered properly in the right tables, when the data was entered from front end screen.
* Good knowledge on Junit, TestNG framework for Unit testing, Maven and Ant for Project building tool, Jenkins/Hudson for Continuous Integration.
* Expert in using defect tracking tools like Quality Center, Team Track, Jira, Bugzilla and Clear Quest.
* Proficient in performing **Backend** **testing** by writing and executing SQL scripts for data validations.
* Experience in writing **SQL stored procedures** for validating **Tableau and SSRS Reports**.
* Good team player with an ability to work independently in a time sensitive environment.
* Strong communication skills and good experience in working in team environments, and with good planning, analytical and problem solving skills, can also carry out tasks independently.
* Proactively highlighted the Risk, Issues and dependencies to the higher management.

**Technical Skills:**

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| **Automated Testing Tools** | Selenium WebDriver/RC/IDE/Grid, Junit, TestNG, Jmeter, SoapUI, Cucumber, QTP, Load Runner , Microsoft team foundation server (MS TFS), ReadyAPI |
| **Automation Frameworks** | Hybrid, Data Driven, Keyword Driven, BDD/ATDD, Page Object Model(POM). |
| **Performance Testing Tools** | JMeter, NeoLoad |
| **Test Management Tools** | Test Director, ALM, Quality Centre 11.0/10.0/9.x/8.2., Waterfall, Agile, RUP, Scrum |
| **Scripting Languages** | TSL, VBScript, Java Script. |
| **Languages** | C, C++, Java/J2EE, VB, HTML, XML and SQL |
| **Build Tools** | Ant, Maven |
| **Version Control Tools** | GIT, SVN, CVS, TFS |
| **Continuous Integration Tools** | Hudson, Jenkins and Cruise Control |
| **Browsers** | Internet Explorer 6/7/8, Firefox, Google Chrome |
| **IDE** | IDE, Eclipse, My Eclipse |
| **Protocols** | HTTP/HTTPS, FTP, TCP/IP. |
| **Database** | Oracle ,MySQL, MS SQL Server |
| **Operating System** | Windows NT/2000/XP/Vista/7, UNIX. |

**Client: T Rowe Price Group, Owing Mills, MD**

**ROLE: Senior QA Analyst**

**DURATION: April 2020 – Present**

**Project Description: -** T.Rowe Price Group is a Global Investment firm that offers funds, advisory services, account management and Retirementplans and services. Participated in different projects like retirement planning services project and Investment compliance project.

**Responsibilities**:

* Analyzed Business Requirement Document and Technical Specifications Document to identify
* Expert in writing **test scripts** manually.
* Extensive experience in analyzing and gathering requirements
* Reported defects using the Defects module of Quality Center.
* Bug Reporting and Tracking using JIRA.
* Comprehensive knowledge about Agile systems and its application in business enterprises work frame
* Using Agile methodology to come up with test scenarios and test cases
* Identify the client/organizational needs and provide suitable Agile system based solutions
* Active participant in defining the **automation** framework (keyword, hybrid) with business users.
* Proficient in Software Development Life Cycle methodologies such as Waterfall, Agile for software development and involved in various phases such as requirement gathering, risk analysis, effort estimation, testing, defect management and reporting.
* Developed and executed test cases test Scenarios and followed-up defects using HP Quality Center.
* Tracked defects using **HP Quality Center**.
* Automate existing functional M**anual regression**/smoke test cases using QTP
* Build & execute the smoke/regression test scripts on different environments analyze results and prepare presentable report
* Successfully used Agile/Scrum Method for gathering requirements.
* Developed Test Plans, Test Cases to test the Screens and **workflows** for Quality Center.
* Work in Agile, scrum, and sprint environment in order to change the requirements and features set.
* Reviewed extensive **SQL** Queries with complex multi-table joins and nested queries
* Used Quality Center for **bug tracking** and reporting, also followed up with the development team to verify bug fixes and update bug status
* Participated in building automation test scripts based on BPT module of Quality Center.
* Used Quality Center for bug tracking and reporting
* Created and managed system testing schedule.
* Used Quality Center for test **documentation** management and defect tracking.
* Developed and executed test cases and test Scenarios and followed-up defects using Quality Center.
* Used JIRA bug tracking tool to report application bugs and enhancements request and discussed with developers to resolve technical issues
* Extensively involved in developing Test cases for various Trading systems like Equities, Bonds, Mutual funds etc.
* Provided test team status **reports** on weekly basis to the project manager
* Reviewed extensive **SQL** Queries with complex multi-table joins and nested queries.
* Generated various reports and **graphs** from Quality Center and analyzed the testing process overview.
* Prioritize testing priorities based on business risk, Access testing assets anytime; anywhere via a browser interface using Quality Center.
* Interacted with subject matter experts such as investment managers, loan originating managers and process analysts to **gather requirements** and goals through and surveys to understand the **business** process.
* Creating of traceability matrix to keep track of changes in requirement and their impact on testing efforts
* Executed automated test cases in Quality Center and reported defects in ALM
* Conducted regression testing on new builds/versions.
* Conducted bug review meeting to discuss resolution of issues

**Environment:** Quality Center, Manual Testing Methods, JIRA, VB Script, System Testing, Java, J2EE, MS SQL Server, Etc.

**Client: State of Alabama, Montgomery, AL**

**ROLE: Senior Quality Engineer**

**DURATION: July 2018 – December 2019**

**Project Description:** State of Alabama OIT provides services different IT services to different agencies. Worked for major website implementation project and also other enhancements of other projects.

**Responsibilities**:

* Participated in product requirements and design reviews to provide input on functional requirements, product design, schedules.
* Review software documentation to ensure technical accuracy, compliance.
* Developed **Test plans** based on functional and technical software requirements.
* Performing module wise **Functional Testing, Database Testing ,System Testing, Regression testing and End to End Testing** etc.
* Document software defects, using **JIRA**, and report defects to software developers on daily basis.
* Extensively involved in back-end testing into **SQL** using SQL Server Profiler
* Worked with the Business Analyst/Requirement team, technical team for Change Request if desired by them for improving the usability of the application.
* Created cross reference Excel spreadsheet to track each and every requirement from RFP and Artifacts to corresponding test cases.
* Involved in **Functional Testing, Integration Testing, Regression Testing, System Testing and User Acceptance Test**.
* Conducted **GUI Testing manually** and entered the result in Jira.
* **Cucumber** was used for the entire regression testing and functional testing with Selenium as primary tool to the Test Scenarios, Test Cases and Test conditions identified.
* Actively involved in **SDLC** and **STLC** process and used tools like **Selenium** RC/Web driver, **JMete**r, **SOAP UI**
* Experienced in working both of **UNIX & Linux** environment to analyze log file & to monitor process.
* Expertise in Selenium Automation using **Selenium WebDriver, Selenium IDE, Java, TestNG & Maven.**
* Involved in **Backend Database testing** using SQL Server.
* Tested bug fixes and coordinates with developers in release of bug fixes meeting timeline.
* Work with development team members to better understand system functionality in order to improve testing quality.
* Inserted various **Check Points** to check the functionality of the application.
* Handled all end-to-end testing with various exchanges. This meant working off hours to ensure release dates were met.
* Co-ordinate with **Database Administrator** to create test environment.
* Wrote Manual Test cases based on Functional and Business requirements
* Implemented of the Agile Model of software development
* Documented test cases and expected results.
* Strong knowledge in web services testing via Tool **SOAP UI/ Restful web services.**
* Created manual Test Cases in **JIRA** for various User Stories based on Release and Sprint Plan.
* Ensured the appropriate parties review and sign-off on test cases prior to test execution.
* Involved in **Agile** Environment, attended stand up Meetings and retrospections sessions.
* Exported test cases from MS Excel and requirements from **JIRA**
* Validated **SOAP** responses by using assertions like XPath match, schema compliance, contains, SOAP fault etc.
* Validated Request / Response **WSDL/SOAP** using **SOAPUI**.
* Executed test cases and test scripts for manual and automation testing. Defects are raised in the **JIRA** for logging, tracking, and reporting bugs in the application.
* Wrote Manual Test cases based on Functional and Business requirements
* Executed Manual Test cases for **Functional Testing** and logged defects for the failed test cases.
* Coordinate test case reviews with client.
* Constantly verified Requirement Traceability Matrix to determine if each and every Functional requirement is taken care of and a test script is developed and executed for the same.

**Environment**:Maven, UNIX, SQL, Microsoft Office, SQL Server 2008., MS Excel, MS Word, SQL

**Company: Leanswift Solutions, Cocoa Beach, FL**

**ROLE: Software Engineer – QA**

**DURATION: Oct 2016 – June 2018**

**Project Description :** LeanSwift is a global company providing services in eCommerce and Mobile solutions for Infor Customers in Fashion, Distribution, Food and Manufacturing.

## **Projects Handled:**

**EConnect :**

Leanswift eConnect for Infor M3 provides seamless integration between Magento and **Infor M3 ERP**. The product consists of a Magento extension and a Tomcat-based server application that manages the communication with the M3 ERP system. LeanSwift eConnect for Infor M3 employs a layered architecture to allow more flexibility in supporting different version of **Magento** and Infor M3 and to allow independent upgrades

## **Marketplace:** LeanSwift provides a cloud marketplace where you can enable ERP functionality in mobile and web applications and let these securely connect to your **ERP** backend. One can find, purchase and download useful ERP extensions.

## **Mobile Testing:** Mobile First application is native app developed for Apple iOS. The purpose of the app is to have a single mobile app, which will support various M3 functionalities to improve user’s productivity and minimize their workload. Once the user purchases the license in marketplace, they can start using it .

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## **ELink :** LeanSwift eLink provides seamless integration between Infor M3 and other eCommerce, web or mobile tools, platforms and applications that need to communicate with M3. LeanSwift eLink leverages standard M3 **API transactions** where possible to ensure efficient and safe communication. It will allow you to make service calls to any API available in your Infor M3 environment.

**Responsibilities:**

* Worked on Agile phase of development model.
* Developed Test Plans, Test Scenarios, and Detailed Test Cases based on sprints User Stories.
* Execution of test cases, bug reporting and bug verification.
* Performed all aspects of verification including Smoke testing, Functional testing and Regression testing on major functionalities of the application.
* Performed Positive and **Negative testing** to ensure correctness of application.
* Developed hybrid framework to test several web pages and Created Test cases, Test suites using TestNG, Selenium web driver.
* Tested Web Services using **SOAPUI** tool, validating, request and response xml.
* Performed UI testing on Admin Pages like Plans, Promotions, and Discounts.
* Performed Web Service Integration testing for Payment Processing Gateways and Credit Unions API’s.
* Tested user stories on 2 weeks sprints and participated agile ceremonies and retrospective.
* Used JIRA for Bug reporting, Tracking and defect Management.
* Setting up of **QA** Environment which includes installation of Application Server, Web Server and Reports.
* Participated in agile standup, meetings.
* Perform installation of required modules (Including Magento).
* Set up multiple websites and stores for e-com applications.
* Testing end-to-end developed modules.
* Perform Sanity, Smoke, Functional, Regression, Integration, Acceptance, Compatibility,
* Backward compatibility, Load and Performance testing based on the project requirement.
* Upload data into database for load testing.
* Perform **API testing** as and when necessary using Postman.
* Install 3rd party applications into system and test their integration.
* Documentation of Requirement matrix and Acceptance Test scenarios.
* Verify test results with results from DB by executing SQL queries.
* Debug issues and classify them based on ION, MEC, RabbitMQ or eLink.
* Perform Automation using Qualify(3rd part automation tool).

**Environment**: SQL Server 2008, Windows 2007, ASP.Net,C#.Net, HTML, JavaScript, Microsoft Share Point, JIRA, Confluence, TFS, JSP, Java, MS Excel, MS word, VM ware, SoapUI, XML, VersionOne, Postman

**Company: Fiserv, Chennai, India**

**ROLE: Software Engineer – QA**

**DURATION: Aug 2012 – Sep 2016**

**RESPONSIBILITIES**

* Testing the functionality of all the apps in the mobile/tablet developed.
* End to end testing of all the functionalities.
* Testing the performance against other mobile and fluidity of mobile apps.
* Create Data required for test cases.
* Analyzed system requirements, executed detailed Test plan, developed Test cases, Test scripts for testing the functionality, GUI, security, and usability of Loan Process.
* Performed **Back-End testing** to ensure data consistency.
* Manually performed Validation testing by executing SQL queries, System testing all the elements of the system ensuring.
* Analyzed test results and creating performance evaluation reports.
* Experience in writing and executing Test Plans and Test Cases, developing and maintaining -Test Scripts for both manual and automated testing
* Reviewed system logs and reports to identify application processing errors and possible improvements.
* Extensively involved in identifying end to end flaws.
* Managing, analyzing and optimizing test cases.
* Writing Test cases for new features.
* Executed test cases prepared for testing Software builds on the Kindle platform software.
* Performed test case execution using Test **Rail**, JIRA and Other Proprietary Tools.
* Adhoc testing of format of contents released in agile development cycle.
* Validated Fixes by performing bug verification on daily basis

**Environment:** Java, Selenium WebDriver, Test Director, JSP, Servlets, SQL Server, JDBC, JBOSS, XSL, XML, CSS, Web services.

# **EDUCATION**

Bachelor's of Technology in Information Technology, 2012.