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**Professional Summary:**

* ISTQB Certified Test Lead / Senior Test Analyst with 13+ years of experience in software quality assurance, test management, business analysis, automation and functional testing.
* Analyzing Software Requirement Specifications and User Stories to plan for Manual Testing as well as Test Automation Frameworks.
* Expertise in using defect management tools such as HP-ALM, MS-TFS, **JIRA** and Mantis.
* Experienced in test automation strategy to achieve automation of maximum number of testcases comparable to manual test cases. Designed, developed, enhanced, and maintained automated test framework and scripts using Java, Eclipse, Selenium WebDriver, Maven, GitHub, Cucumber, TestNG, **Page Object Model (POM)**.
* Worked with DevOps and Engineering team to create an automated **Continuous Integration and Continuous Deployment** pipelines using **Jenkins** configured with **Maven & GitHub**.
* Test data management experience using tools like TOAD, Query Analyzer.
* Onsite experience involving client meetings and offshore coordination.
* Experience in testing Client Server and Web based applications.
* Domain knowledge in Banking & Finance sector, Loan & Mortgage Services, Retail, E-Publishing and Insurance Sectors.
* Involved in preparing test plan, test estimation, test strategy, test scenarios, test cases, test reviews, test data management, team handling, defect reports, RCA and Risk Management.
* Handled multiple roles – Test Manager, Test Lead, and Test Analyst.
* Involved in test coordination activities. Experience in coordinating testing activities with onsite team and development team. Oversees collaborations with development, client services and product management to ensure quality standards are in place.
* Leadership experience in software bug reporting and defect analysis.
* Assisted team members both on technical and project related works.
* Experience in delivering efficient KT sessions to the new comers to make them feel get easier with the project activities
* Actively involved in all phases (Unit Testing, Integration Testing, System Integration Testing (SIT), System Testing(ST), User Acceptance Testing (UAT), Security Testingof STLC model.
* Extensive experience with Functional, GUI, Database, System, Integration, Regression, Sanity and Browser compatibility testing.
* Strong knowledge of Software Development Life Cycle (SDLC) and testing methodologies

**Technical Skills:**

|  |  |
| --- | --- |
| **Test/Defect Reporting Tools** | HP - ALM, JIRA, Mantis, SOAPUI, MS-TFS |
| **Operating Systems:** | Windows, UNIX, Linux, MacoS |
| **Databases:** | MySQL, Oracle, SQL Server |
| **Methodologies:** | Waterfall, Agile |
| **Programming Languages** | Java, HTML, SQL, Python, XML |
| **Version Control** | Git, Wincvs, MS VSS |
| **Software Test Tools** | HP ALM, Selenium Web Driver, TestNG, SOAPUI, cypress.io, Apache HTTP Client, Cucumber, APPIUM, JMeter, Eclipse IDE. |
| **Framework** | TestNG, JUnit, TDD, Cucumber,Hybrid, Data-Driven |
| **Webservices** | Postman, SoapUI, REST Assured |
| **Test Build and Integration tools** | Maven, Jenkins,Gradle |
| **IDE** | Eclipse |

* Good knowledge of the database concepts.
* Extensive training in software testing procedures and theories.
* Exposure to Mobile testing.
* Exposure to SOAP and REST API manual testing using **SOAPUI**, **POSTMAN** & automation using Rest Assured.
* Good communication skill and analytical aptitude with excellent ability for team work.
* Excellent in handling responsibilities with good presentation and coordination skills.
* Preparing daily and weekly status reports and sending it to senior management for review.

**Professional Experiences:**

**Client: Wells Fargo, Charlotte, US Oct 19 – Jul 20**

 **Role: Systems / SWIFT QA Analyst**

**Responsibilities:**

* Involved in understanding functional requirements of the application from the Business Requirement Document.
* Participated in framework design and developed hybrid framework with data driven and page object model. Create status reports indicating test execution progress.
* Developed the automation test scripts usingCypress.io framework to automate the React based web applications.
* Involved in designing testplan, test strategy, test cases, setting up database for each client.
* Involved in end to end manual testing and management activities.
* Actively participated in manual testing of application, including integration testing, system testing and regression testing using HP ALM 11.0 and JIRA.
* Worked closely with the Project Manager and DEV team in understanding the application under test and on how to improve the testing quality to effectively uncover more defects.
* Writing queries using MS-SQL server 2008 to test whether the data is stored in the respective columns in the respective tables.
* Reviewed defects logged by testers, tracked them down to closing using HP ALM and JIRA.
* Worked closely with the clients, development team and the business analysts to analyze the raised defects and to fix and close them on time.
* Attended regular project status meeting involving the entire project team.
* Designed and executed test plans within the predefined timeframe.
* Sanity testing, Functional testing, Regression testing, Ad-hoc testing, System testing and UAT.
* Performed effort estimation.
* Involved in the Continuous Integration of the automation framework with Jenkins. Implemented Automated execution of tests (nightly and need based) using Maven and JENKINS.
* Configured the test suite to Jenkins to make it run on every successful deployment, which helped reduce the feedback loop time to the developers.
* Experience on DevOps Environment by working on various technologies or applications like GIT, SVN and Jenkins,.
* Created knowledge base of the application and provided training sessions to the testing team on the application.
* Participated and coordinated regular testing status meetings.
* Attended defect triage meetings.

**Environment:** Cypress.io, Git, JIRA, MacOS, JIRA, Java, MySQL, POSTMAN, Maven, Jenkins, Eclipse, Selenium WebDriver, Jenkins, TestNG, SOAP UI, XPATH, CSS, HTML, XML, SQL, RestAssured, HP-ALM.

**Client: Wells Fargo, Charlotte, US May 16 – Nov 17 & Jul 18 – Sep 18**

**Role: Systems / SWIFT QA Analyst**

 **Responsibilities:**

* Involved in understanding functional requirements of the application from the Business Requirement Document.
* Developed Automation scripts for Regression suite End-To-end with Selenium WebDriver.
* Designed Cucumber framework for web/service-virtualization; performed manual and Cucumber testing of a web-based application. Automated web services using Cucumber.
* Performed BDD (Behavior Driven Development) using Cucumber Feature files, Scenarios and Step Definitions.
* Involved in designing testplan, test strategy, test cases, setting up database for each client.
* Involved in end to end manual testing and management activities.
* Actively participated in manual testing of application, including integration testing, system testing and regression testing using HP ALM and JIRA.
* Worked closely with the Project Manager and DEV team in understanding the application under test and on how to improve the testing quality to effectively uncover more defects.
* Writing queries using MS-SQL server 2008 to test whether the data is stored in the respective columns in the respective tables.
* Reviewed defects logged by testers, tracked them down to closing using HP ALM and JIRA.
* Worked closely with the clients, development team and the business analysts to analyze the raised defects and to fix and close them on time.
* Attended regular project status meeting involving the entire project team.
* Designed and executed test plans within the predefined timeframe.
* Sanity testing, Functional testing, Regression testing, Ad-hoc testing, System testing and UAT.
* Performed effort estimation.
* Created knowledge base of the application and provided training sessions to the testing team on the application.
* Participated and coordinated regular testing status meetings.
* Attended defect triage meetings.

**Environment:** Cypress. Js, SQL Server, GitHub, JIRA, Agile, Selenium WebDriver, Cucumber.

**Client: Western Union, New York City, NY, US Feb 16 – May 16**

**Role: QA Lead**

**Responsibilities:**

* Involved in understanding functional requirements of the application from the Business Requirement Document.
* Involved in designing testplan, test strategy, test cases, setting up database for each client.
* Involved in end to end manual testing and management activities.
* Actively participated in manual testing of application, including integration testing, system testing and regression testing using HP ALM 11.0 and JIRA.
* Worked closely with the Project Manager and DEV team in understanding the application under test and on how to improve the testing quality to effectively uncover more defects.
* Writing queries using MS-SQL server 2008 to test whether the data is stored in the respective columns in the respective tables.
* Reviewed defects logged by testers, tracked them down to closing using HP ALM and JIRA.
* Worked closely with the clients, development team and the business analysts to analyze the raised defects and to fix and close them on time.
* Attended regular project status meeting involving the entire project team.
* Attended regular testing team meetings to discuss testing status.
* Actively participated in test script review of team members using standard checklists.
* Generated test report from HP ALM after regression test suite run.
* Actively participated in creating Requirement Traceability Matrix.
* Designed and executed test plans within the predefined timeframe.
* Sanity testing, Functional testing, Regression testing, Ad-hoc testing, System testing and UAT.
* Performed effort estimation.
* Involved in designing and review of test cases for manual testing of web services using Test Director.
* Involved in bug reporting to senior management using HP ALM.
* Created knowledge base of the application and provided training sessions to the testing team on the application.
* Participated and coordinated regular testing status meetings.
* Attended defect triage meetings.
* Involved in continuous meetings with the development team to identify the root cause of defects and to fix them on time.

**Environment:** HP ALM 11.0, MS-SQL 2008, MS-VSS 6.0, MS Excel, Manual testing, Web testing, Windows 7, IIS, VSS6.0, Dameware.

**Client: First Niagara Bank (FNFG), Buffalo, NY, USA July 15 – Dec 15**

**Role: QA Lead / Sr. QA Analyst**

**Responsibilities:**

* Involved in understanding functional requirements of the application from the use case documents.
* Involved in designing test cases for different modules of the application from the use case documents and maintaining them after review.
* Involved in end to end manual testing and management activities.
* Actively participated in manualtesting of application, including integration testing, system testing and regression testing using HP ALM 11.0
* Worked closely with the Projectmanager in understanding the application under test and on how to improve the testing quality to effectively uncover more defects.
* Test data management using tool MISER which is the DB system for GFX.
* Writing queries using TOAD tool to test whether the data is stored in the respective columns in the respective tables.
* Reviewddefectslogged by testers, tracked them down to closing using HP ALM.
* Worked closely with the clients, development team and the business analysts to analyze the raised defects and to fix and close them on time.
* Attended regular project status meeting involving the entire project team.
* Attended regular testing team meetings to discuss testing status.
* Actively participated in test script review of team members using standard checklists.
* Generated test report from HP ALM after regression test suite run.
* Actively participated in creating Requirement Traceability Matrix.
* Designed and executed test plans within the predefined timeframe.
* Sanity testing, Functional testing, Regression testing, Ad-hoc testing, System testing and UAT.
* Performed effort estimation.
* Involved in designing and review of test cases for manual testing of web services using Test Director.
* Involved in bug reporting to senior management using HP ALM.
* Created knowledge base of the application and provided training sessions to the testing team on the application.
* Participated and coordinated regular testing status meetings.
* Attended defect triage meetings.
* Involved in continuous meetings with the development team to identify the root cause of defects and to fix them on time.

**Environment:** HP ALM 11.0, MS Excel, Manual testing, Web testing, Windows 7, TOAD, ORACLE 11g.

**Client: Branch Banking & Trust (BB&T), Raleigh, NC, USA July 11– Jun 15**

**Role: QA Lead/Sr. QA Analyst**

**Responsibilities:**

* Involved in understanding functional requirements of the application from the use case documents.
* Involved in designing test cases for different modules of the application from the use case documents and maintaining them after review.
* Involved in end to end manual testing and management activities.
* Actively participated in manual / Automation testing of application, including integration testing, system testing and regression testing usingTelerik Test Studio,HP ALM and JIRA.
* Test data management using tool Query Analyzer.
* Worked closely with the Projectmanager in understanding the application under test and on how to improve the testing quality to effectively uncover more defects.
* Attended training sessions on V model , testing basics, test case designing , test review and bug reporting.
* Involved in Scrum stand up calls, prepared user stories, story board sessions.
* Reviewddefectslogged by testers, tracked them down to closing using HP ALM and JIRA.
* Involved in configuration management using Wincvs tool with other QA professionals.
* Mobile application and website testing with DeviceAnywhere on Androind environments.
* Worked closely with the clients, development team and the business analysts to analyze the raised defects and to fix and close them on time.
* Attended soft skill training sessions.
* Attended regular project status meeting involving the entire project team.
* Attended regular testing team meetings to discuss testing status.
* Designed test cases covering the functional and cosmetic requirements of the application.
* Actively participated in test script review of team members using standard checklists.
* Involved in regression test suite execution of application using HP ALM and JIRA.
* Generated test report from HP ALMand JIRAafter regression test suite run.
* Involved in regular Requirement Walkthrough sessions.
* Actively participated in creating Requirement Traceability Matrix
* Designed and executed test plans within the predefined timeframe.
* Sanity testing, Functional testing, Regression testing, Ad-hoc testing, System testing and UAT.
* Responsible for setting up the web services in SOAPUI using the WSDLs.
* Involved in manual testing of web services using SOAPUI.
* Designed SQL statements to check the integration between the front end values, web services and database.
* Performed effort estimation.
* Involved in designing and review of test cases for manual testing of web services using Test Director.
* Involved in bug reporting to senior management using HP ALM and JIRA.
* Created knowledge base of the application and provided training sessions to the testing team on the application.
* Participated and coordinated regular testing status meetings.
* Attended defect triage meetings.
* Involved in continuous meetings with the development team to identify the root cause of defects and to fix them on time.
* Involved in Root Cause Analysis meetings

**Environment:** Pega, Telerik Test Studio, HP ALM 11.5, JIRA, MS Excel, Manual testing, Web testing,SQA Basic, SOAPUI 3.5, XML Spy, Windows 2000/XP

**Client: Wolters Kluwer, NA, Long Island, NY, USA Oct 07 – Jul 11**

**Role: Test Lead**

**Responsibilities:**

* Actively participated in Requirement Walkthrough sessions with the client.
* Prepared test strategy document for the project.
* Test estimation and get it approved from client.
* Involved in configuration management using MSVSS tool with other QA professionals.
* Developed Test Scenarios , Test cases and Traceability Matrix after reviewing the requirements.
* Monitoring, controlling and reporting project progress.
* Defect Research, Analysis, & Reporting.
* Mentoring team members.
* Smoke testing, Functional testing, Regression testing,Ad-hoc testing, UAT testing and Security testing.
* Project Health check, Root cause analysis, Causal Analysis and Resolution.
* Risk Management.
* Suggest Process improvement.
* Participated in testing feasibility analysis of the application.
* Actively involved in discussing the scope of the application requirements with the business analysts.
* Played a lead role in coordinating test planning activities with the client team.
* Extensively involved in manual testing of the application in system testing and integration testing environments.
* Lead role in running and maintaining the regression test suite after each product release.
* Involved in reporting bugs in HP Quality Center after integration and system testing.
* Participate in defect triage meetings.
* Actively involved in creating test summary reports and defect reports.
* Participated in creating test data.
* Created a knowledge base of all the testing related products.
* Actively participated in release sign off of each of the product for WK, NA.
* Actively involved in preparing Best Practices and Lessons Learnt documents after the release of all products of WK, NA.

**Environment:** MS-SQL 7.0, HP Quality Center, Java, Windows 2000/XP, Manual Testing, MS Excel, TOAD for MS-SQL

**Client: DOW JONES, NY, USA Oct 06 – Sep 07**

**Role: Senior QA Analyst**

**Responsibilities:**

* Understand what the business does and how it does it
* Determine how to improve existing business process
* Determine which tasks/steps to automate (identify scope and get the requirements)
* Design the features of IT systems (create functional requirements)
* Implement the new features of the IT system (technical design)
* Involved from the scratch of the project and actively participated in all the phases to the delivery of the project.
* Actively participated in Requirement Walkthrough sessions with the client.
* Test Planning along with QA Managers.
* Reviewing Requirement Document to mitigate risks, to provide estimates and to derive test scenarios and further to test cases.
* Preparing test strategy and test plans.
* Monitoring, controlling and reporting project progress.
* Estimation for Manual test cases and identifying the tescases for automation.
* Resource recruiting, training and utilizing.
* Defect Management.
* Troubleshoot software problems; anticipate research and identify root causes and resolve problems; escalate issues as appropriate level.
* Provide status updates to QA Manager.
* Highlighting risks to QA Manager.
* Review and update Test cases/Test scenarios/Design documents.
* Involved in Offshore-Onsite Communication Management Plan.
* Functional testing, Regression testing, Sanity testing, System testing,Ad-hoc testing, UAT and Security testing.
* Mentor new team members.
* Played a lead role in coordinating test planning activities with the client team.
* Leaded the testing team in estimating effort for various testing products.
* Actively participated in identifying test scenarios, documenting them and reviewing them on a product to product basis.
* Actively involved in detailed test case preparation and review of different customer centric products.
* Extensively involved in manual testing of the application in system testing and integration testing environments.
* Lead role in running and maintaining the regression test suite after each product release.
* Reporting bugs in HP Quality Center.
* Participated in defect triage meetings.
* Actively involved in creating test summary reports and defect reports.
* Participated in creating application/environment specific test data.
* Created a knowledge base of all the testing products.

**Environment:** Oracle 8.0, HP Quality Center, Java, Windows 2000/XP, Manual Testing, MS Excel, TOAD for Oracle.

**Client: GALE THOMPSON, Chennai, India Apr 05 – Sep 06**

**Role: Senior QA Analyst**

**Responsibilities:**

* Prepared test cases by analyzing functional requirement specification document.
* Involved in testing compatibility of software under various Internet Browsers.
* Performed Integration testing, Regression testing and System Testing.
* Identified software defects and interacted with developers to resolve them and provided full support to the Test team using the Quality Center.
* Analyzed and imported test data from spreadsheets into Quality Center using Excel.
* Created test cases, executed and recorded results of test cases using Quality Center as thedefect management tool.
* Created and filed various testing artifacts using MS Office applications.
* Performed GUI, Functional testing, Regression testing, Sanity testing, System testing, Ad-hoc testing, UAT and Security testing.

**Environment:** MS Excel, Manual testing, Web testing,Windows 2000/XP, Oracle8.0,Mercury Quality Center 9.0

**Client: Citi Bank, Chennai, India Mar 04 – Apr 05**

**Role: QA Analyst**

**Responsibilities:**

* Prepared test cases by analyzing functional requirement specification document.
* Involved in testing compatibility of software under various Internet Browsers.
* Performed Integration testing, Regression testing and System Testing.
* Test data management using toolTOAD.
* Identified software defects and interacted with developers to resolve them and provided full support to the Test team using the Quality Center.
* Analyzed and imported test data from spreadsheets into Quality Center using Excel.
* Created test cases, executed and recorded results of test cases using Quality Center as thedefect management tool.
* Created and filed various testing artifacts using MS Office applications.
* Performed GUI, Functionality and Backend Testing.
* Functional testing, Regression testing, Sanity testing, System testing.

**Environment:** .NET, SQL Server 2000, Mercury Quality Center, Windows, Manual Testing, MS Excel, TOAD for SQL.

**Education / Certification:**

* Bachelor of Engineering in Electronics and Communication Engineering from University of Madras, India
* Certified in ISTQB Foundation Level