**Hardik Rupareliya**

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**Professional Summary:**

* Over7 years of experience in Quality Assurance in, **Manual Testing, Automated Testing, Database Testing Integration Testing, Web base application and Client/Server based applications,** User Acceptance Testing, Backend testing, e-Commerce application testing, **API** testing and **Web Services** testing.
* Experience in industry standard methodologies like Software Development Life Cycle (SDLC), Software Test Life Cycle (STLC) and software development methodologies such as Agile, V Model and Waterfall.
* Excellent in SQA (Software Quality Assurance) with Manual and automated Tools – **HP (Mercury) Quality Center and QTP.**
* Experience in reporting, reviewing, verifying and closing bugs using various tools like HP ALM/QC, Jira, Bugzilla
* Proficient in creating Requirements traceability matrix, Test Plan, Test Cases and Test Scripts using business specifications and crude requirements.
* Good experience in designing, developing, enhancing automated test scripts for **QTP using VBScript.**
* Experience generating concise defect reports from Quality Center, to track test execution progress and prioritize bug fixes.
* Expertise in exporting **JUNIT scripts from Selenium IDE to Eclipse JUNIT Test Suites, Creating new JUNIT test cases, modifying the selenium scripts and writing test suites using JUNIT.**
* Experience in developing manual and automated Test scripts and test cases based on the client provided BRD, FRS and SRS.
* Extensive experience using LoadRunner and HP Performance Center for Performance Testing, Load Testing, Stress Testing, Longevity Testing and Regression Testing.
* Knowledge on networking protocols **(TCP/IP Protocol suite) such as TCP, UDP, FTP, SSL and HTTP.**
* Proficient in writing **Selenium Web Driver automation scripts in JAVA using Maven, Cucumber, and TestNG Automation Testing for Web Applications.**
* Experience in Behavior Driven Development (BDD), Acceptance Test Driven Development (ATDD) using Cucumber, Gherkin.
* Wrote Features, Scenarios, Scenario Outlines, Step definitions for BDD in Cucumber.
* Experienced in making Data Driven, Keyword Driven, Hybrid and Page Object Model frameworks with Selenium to maintain test suite.
* Expertise in Functional, Integration and System testing (software testing).
* Expertise in testing Web Based Applications.
* Experience as GUI as well as Backend developer.
* Test GUI and functionality on Windows 7, MAC OS X, Android, iOS platforms using VMware and report numerous software defects in that area Experience with testing on UNIX and multiple MS Windows environments.
* Expertise in writing **SQL Queries, SQL \*PLUS, PLSQL stored procedures for databases like Oracle, MySQL, DB2 on UNIX as well as Windows platforms.**
* Proficient in executing test scripts both manually and using Quality Center.
* Proficient performing different kinds of testing like Smoke, Sanity, Functional, GUI, Backend, White Box, Parallel Testing, Integration Testing, Regression Testing & UFT.

**Technical Skills:**

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| --- | --- |
| **Methodologies** | Selenium Web Driver, lDE/RC/Grid, QTP 11.0/10.0/9.5/8.2, JMeter, Load Runner, Quality Center, JUnit 4.8.1/4.8/4.7/4.6/4.5/4.4. |
| **Testing Tools** | Mercury Quality Center, HP ALM, Agile Quick Test Pro, Toad, Cucumber, TestComplete, Clear Quest, Load Runner, TestNG, Jenkins, Maven, TOSCA |
| **Programming** | HTML, XML, Java Script, CSS, UML, SQL, PL/SQL, VB, Python |
| **MS Office** | MS Access, Excel, PowerPoint, MS Visio, MS Projects |
| **Databases** | MS-Access, Oracle 8i, SQL Server, SQL,T-SQL |
| **Reporting Tools** | Crystal Reports, SSRS, Report Painter, Document SharePoint, ServiceNow |
| **Operating Systems** | Windows 2000, XP, Vista and Windows 7 |
| **Other Tools** | Rational Requisite Pro, SQL, Snag IT, UML, BugZilla, Clear Case, Share point, Cruise Control, LoadRunner |

**Professional Experience:**

**Client: Fresenius Kabi Sep 17 – Till date**

**Role: Software Developement Engineer in Test**

**Description:**

One Drug Lib (ODL) is a web application project of Kabi. This application connects with medical device. ODL has various functionality such as, create - Drug, Therapy, Profile, Device Configuration etc. This application is more useful for pharmacist who makes drugs and therapy for patients. Pharmacist can provide patient’s details in this application and provide the measure for drug and therapy, so ODL collects the data and calculate the measurement for drug and therapy which goes to device to create Drug for patients.

**Responsibilities:**

* Worked on ODL’s automation testing.
* Created and implemented environment for automation testing
* Set up **Selenium Web Driver**, **Eclipse**, **JUnit**, **Jenkins**, **Maven** using Java and other related tools from scratch and configured various other peripheral tools to perform Selenium test successfully.
* Based on SYRS and its acceptance criteria, translated the information to Test cases in TFS.
* Involved in functional, regression and sanity testing.
* Analyzed the user requirements, functional specifications and Use Case documents and created the Test Plans, Test cases for Functional testing.
* Implemented automation using Selenium WebDriver, JAVA, Selenium Grid, Cucumber, Maven.
* Generated daily testing status reports in HTML format for management using TestNG.
* Set up **Selenium Web Driver**, Eclipse, JUnit, Jenkins, Maven Java and other related tools from scratch and configured various other peripheral tools to perform Selenium test successfully.
* Tested the application for different browser compatibility such as IE, Mozilla Firefox and Chrome.
* Designing and reviewing of test cases created by other resources.
* Executing Test Cases for Functional, UI testing.
* Possess good communication skills with very effective in interacting with cross functional teams.
* Writing and Executing Test cases using TFS.
* Bug and Defect Tracking.
* Developed BDD tests using Cucumber by writing features and Developed Required Selenium support code in Java.
* Involved in Development and Execution of Scripts using **Selenium** Web Driver And grid to test in distributed environment
* Extensively wrote **Selenium** **Web Driver** automation test scripts for ODL application to check functionalities. Was involved in few manual testing regarding back end/ database testing as required during data validation.
* Documented environment creation for Automation, and supported team membersto create and work on it.
* Used SQL for Database.

**Client: Dell Computers July 16 – Aug 17**

**Role: Software Test Engineer**

**Description:**

CTM is a part of ProDeploy project. Customer Tool Middleware (CTM) is providing customer’s laptop/desktop order customization. It helps to create customer’s Build and Deploy Profiles/ CTM takes small to big companies order and/or individual for computer, using various service types like basic, ProDeploy and ProDeploy plus and it helps to customize the order by customer’s specific requirements. Customer can choose the OS, various options to customize by various components like System Image, System BIOS, and Asset Label and Connected configurations. Also it helps customer to choose location to deliver the order with detailed location information, work instructions for orders.

**Responsibilities:**

* Worked on testing Dell’s order management system
* Actively participated in scrum ceremonies (daily stand up, sprint planning, sprint review and sprint retrospective.) representing QA
* Based on user stories and its acceptance criteria, translated the information to Test cases in TFS.
* Analyzed the user requirements, functional specifications and Use Case documents and created the Test Plans, Test cases for Functional testing.
* Generated daily testing status reports for management.
* Prepared BDD scenarios for UAT (User Acceptance testing) using Cucumber.
* Wrote Scenarios, Scenario outlines and Step definitions using Gherkin in Cucumber for BDD.
* Set up **Selenium Web Driver**, Eclipse, JUnit, Jenkins, Maven Java and other related tools from scratch and configured various other peripheral tools to perform Selenium test successfully.
* Tested the application for different browser compatibility such as IE, Mozilla Firefox and Chrome.
* Involved in functional, regression and sanity testing.
* Designing and reviewing of test cases created by other resources.
* Executing Test Cases for Functional, UI testing.
* Possess good communication skills with very effective in interacting with cross functional teams.
* Writing and Executing Test cases using TFS and Microsoft Test Manager.
* Bug and Defect Tracking.
* Involved in Development and Execution of Scripts using **Selenium** Web Driver And grid to test in distributed environment
* Extensively wrote **Selenium** **Web Driver** automation test scripts for Dell’s order management application to check customer and admin functionalities. Was involved in few manual testing regarding back end/ database testing as required during data validation.  Testing in and using Python, JAVA and others
* Successfully Completed User Acceptance Testing (UAT) on each release of the project with the help of end user requirements.
* Identified the defects through **Selenium** and ensured that business processes deliver the expected results   
  and remain reliable throughout the release.  Involved in weekly walkthroughs and inspection meetings, to verify the status of the testing effort and the project as a whole and leading offshore team.

**Client: GE TRANSPORTATION, FL Sep 15 – June 16**

**Role: QA Tester**

**Description:**

Trip Optimizer is an intelligent, fuel-saving cruise control for locomotive that optimizes fuel consumption based on a specific train’s make up and the route traveled. Trip Optimizer System calculates the most efficient operation by considering such factors as train length, weight, grade, track conditions, weather and locomotive performance. The trip’s profile is updated continuously through a complex network of on-board computers, GPS systems and advanced algorithms that make adjustments, enabling the train to use less fuel while maintaining smooth train.

**Responsibilities:**

* Worked closely with business analyst from various business areas to gather business and user requirements.
* Implemented automation using **Selenium Web Driver, JAVA, Selenium Grid, Cucumber, Maven, and API.**
* Extensively automated regression and functional test suites by developing over **237 test cases, 6 test suites using Selenium Web Driver, JAVA, JUnit.**
* Identify business scenario, write / execute test scripts, automate; and drive for success criteria & management of the Test Data Management (TDM).
* Developed Test plans, Test cases and Test Scripts using **HP** **ALM** (Application Life cycle Management)**.**
* Tested Sure scripts data messages between Sure scripts and Omnicare using data driven **Parasoft** SOA test cases
* With Jenkins, we have organized accelerate the software development process through automation.
* Through Jenkins we have managed and controlled developed lifecycle process of all kinds, including build, document, test, package, stage, deployment, static analysis and many more.
* Developed Keyword Driven and Data Driven frameworks to retrieve test actions, test data from Excel files, SDE-T and Data warehouse. Working within agile development teams with a BDD approach and supporting the developers to quality assure developments early.
* Create and execute Test Cases in **Quality Center.**
* Configured Maven for JAVA automation projects and developed Maven project object model (POM).
* Integrated Single Sign On for multiple UFT web applications.
* Developed test cases and automation test scripts based on business / functional specifications using SOAP UI.
* Selected by management to provide **API** Testing training to QA testers as backups.
* Have of exposure of writing and running automation test case suites related to tool chain API and new features.
* Tested XML files for tags and data during Integration testing.
* Defect logging, assignment and tracking through Microsoft Test Manager
* Developed BDD tests using Cucumber by writing behaviors and step definitions. Developed required Selenium support code in **JAVA for Cucumber.**
* Responsible for validating the functionalities of the web services including the offers system and orders using SOAPUI over HTTP .Test case automation using Cucumber test automation tool and  Gherkin scripting language .
* Tracked defects using **ALM**& Conducted Bug-Review meetings.
* Created Selenium web-driver automation scripts using Python to validate functionality on various browsers.
* Wrote SQL queries extensively, queried database and generated test reports. Performed Purchase Orders Database testing by developing 14 SQL scripts. Executed QA services for enhancing efficiency of technologies and related updates for cloud storage applications.

**Environment:** Selenium RC, Web Driver, Selenium Grid, QTP/UFT, BDD, Jenkins, **Parasoft,** Cucumber, Quality Center, Soap UI, Ranorex tool, SOAP UI,HP-ALM, HTML, XML,C#, Oracle, Java Script, Ajax, UNIX and Windows, MS Test manager, MS SQL, Prospect Management, Sales force

### Client:  Chase Bank, Chicago Nov 14 – Aug 15

**Role: QA Analyst.**

**Description:**

Provide personal financial counseling, assist with lending services, and build relationships with existing customers to sustain high satisfaction ratings and retention. Review and approve overdrafts and checks for cashing, and answer questions on accounts, loans, and statements. Prepare credit and financial information to streamline loans processing for mortgage, installment, and discount loan transactions; prepare loan worksheets for submission to loan processing for closing documents. Assist customers during loan and account application process, and close consumer and real estate and mortgage loans in accordance with internal and federal policies and procedures. Coach team members to develop sales opportunities and refer customers to designated business partners to meet branch and individual customer service and sales goals.

**Responsibilities:**

* Involved in creation and execution of test scenarios by reviewing all the business functional specifications, detailed design documents, data model documents, data flow diagrams and architecture documents.
* Responsible for setting up of Test environment
* Presented basic understanding of Waterfall, Scrum and other agile methodology.
* My responsibilities also included verification of commercial relationships using HOGAN system.
* Designed, developed and executed automated test script using Test Complete.
* Access existing customer information through the use of Hogan
* Extensively used Enterprise Audit Server during system and integration testing for debugging the defects. .
* Developed Test plans, Test cases and Test Scripts using **ALM**
* Recorded and plays back test in Fire fox using **Selenium IDE.**
* Created Automation test framework using Selenium.
* Tracked defects using **ALM**& Conducted Bug-Review meetings.
* Extensively involved with backend testing by writing complex SQL queries.
* Used Firebug Tool to identify the Object’s id, Name, Xpath, link in the application.
* Exported Test case Scripts **(Java-Selenium) in Eclipse IDE and modified the selenium scripts and executed. Prepared automation test framework.**
* Drive evaluation of QA strategies, automation in a Scrum and Agile environment to ensure best practices are being met; implement process improvements, goals and objectives in sprint cycles
* Added annotations to the test**. (selenium)**
* Successfully Completed User Acceptance Testing (UAT) on each release of the project with the help of end user requirements.
* Involved in weekly walkthroughs and inspection meetings, to verify the status of the testing effort and the project as a whole and leading offshore team.

**Environment:**Quality Center 9.0/10.0, QTP/UFT, BDD, **Parasoft**  Epic Suite, HP-ALM, Jenkins, Agile, HL7, SQL,UFT , .Net, C#, VB.Net, ADO.Net, MS Office 2007, Visio, Windows XP, SOAP UI, UNIX, JAVA, J2EE, Web Sphere, Web logic, JUNIT, Java Script, Eclipse IDE, Apache Http Server, SVN, Firebug, Selenium RC, Grid

**Client: Comerica, Inc., Dallas March 13 – Oct 14**

**Role: QA Analyst.**

**Description:** Comerica, Inc.is a nationwide bank which offers personal, small business, and corporate banking products. Comerica Inc. has different types of payments, Wire and Draft payments, ACH payments, Payments Imports, Payment Reports. There are different types of Payment methods, Templates methods. Each Payment & Template has different types of payment methods based on the different type of payment mode that has been selected.

**Responsibilities:**

* Responsible in analyzing Test Requirements.
* Planned and executed manual & automated **API** & GUI tests following Agile/Scrum software development principles.
* Developing Test plan of the application as per technical specifications.
* Used **HP ALM** for manual testing and defect management/documentation, modules used include: Requirements, Test Plan, Test Lab, and Defect
* Used **QTP to conduct Data Driven Testing** by pulling data from a table.
* Participated in various meetings and discussed Enhancement and Modification Request issues.
* Used Table Checkpoints to check values of object properties, Image checkpoint for property values of an image and information in a table respectively using Quick Test Professional.
* Used the VB script programming language for writing Test scripts in **Quick Test Professional.**
* Parameterized test data on scripts by using QTP.
* Performed all test assignments to ensure the application meets business requirements and client expectations.
* Interacted with developers & various members of project team to discuss and resolve defects and to determine their priorities.
* Wrote **SQL & PL/SQL** queries for data validation
* Summarize test results in formula test analysis reports according to the documentation standards.
* Participated in various meetings and discussed Enhancement and Modification Request issues.
* Furnished weekly status reports to the project management team to track project status.

**Environment:**Test Partner, Quick Test Professional 9.0, Scrum, C# , Java , SOAP UI, Java, J2EE, JSF ,VB Script, Visual Basic Application, Windows XP, MS Access and MS Excel.

**Client: Epic, CT. Oct 12 – Feb 13**

**Role: QA Analyst**

**Description:** Epic is a patient care management system. Patient basic information, medication, OPD, IPD, bed management etc. is managed through this application. Epic is a client server multi-tier application catering the day today needs of doctors, patients, nurse, other medical & hospital accounting staff.

**Responsibilities:**

* Analyzed System Requirements to gain better understanding of the application.
* Involved with QA Lead in preparing a detailed Master test plan that provides a detailed list of conditions under which the system was tested.
* Create defects, assign priority and severity using **Quality Center** and follow the defect life cycle management.
* Initial testing was conducted manually and later phase was executed using **Mercury Tools.**
* Performed Manual Testing of the web application on Unix Platforms.
* Developed **Test Plans and Test Cases.**
* Extensively used Version Control System (Tortoise SVN) to check out, edit and check back in SOAP UI projects.
* Documented the Test cases, Test results and Test procedure.
* The generated Scripts were invoked into the Controller and four workstations were made active to run scenario. Used Test Director to log defects.
* Implemented Regression tests for every modified build.
* Interacted with end users to obtain specific system requirements and for User Acceptance Tests (UAT).
* Developed **Automated Test Scripts using QTP.**
* Performed Positive and Negative Testing.
* Reported the defects to Developers using Test Director.
* Participated in Walkthroughs and Defect report meetings periodically.
* Tested documents for Cross Browser Compatibility.

**Environment:**Manual Testing, Test Director QTP 8.2, HTML, C# , JavaScript, ASP, Visual Basic, Oracle, SQL and Windows.

**Client: Standard Chartered Bank, India  May 11 – Sep 12**

**Role: QA Tester.**

**Responsibilities:**

* Analyzed the Business Requirements documents.
* Involved in preparing Test Plan, Test Cases, Test scripts, Summary-Reports.
* Developed **GUI Screen using HTML, JavaScript and JSP.**
* Involved in preparation of test cases.
* Ensure traceability of test cases back to the Business requirements.
* Involved in Integration testing, System testing and Regression Testing
* Involved in creating oracle **SQL tables and PL/SQL procedures.**
* Performed GUI Test, Smoke test, System test, **User Acceptance Test (UAT).**
* Reviewing design documents.
* Upload Manual test scripts into Test Director for automation.
* Responsible for daily Reporting to the management.
* Gathered, developed, and maintained various business requirements from initial phase to final implementation.
* Captured requirements in the form of Use Cases, non functional specifications and business rules.
* Involved in writing and implementation of the test plan and developed test cases and test scripts in Mercury Test management tool Test Director.
* All test cases were written based on business requirements, Use Cases and screen shots.
* Back end testing was done to verify and validate data.
* Data verification and data integration test was done using **SQL queries.**
* Tested various text-hyperlinks and image-hyperlinks of Home page and different pages.
* Tested the functionality of each screen to monitor proper navigation.
* Recorded various scripts on different scenarios to automate the tests.
* Time sensitive testing was done for different users with different product purchase.
* Used Test Director to store, tracking and reporting bugs.
* Involved in Functionality, Black box and Integration System.

**Environment:**Test Director, MS Access, Java, Java script, Oracle, SQL, PL/SQL, .NET, Web Logic Server, Windows, Manual Testing, Oracle, Tomcat and Windows.