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**PROFESSIONAL SUMMARY:**

* Having **11+** Years of experience in **Software Quality Testing of Enterprise Application, Client/Server, and Web Services applications.**
* Preparing **test cases, test scenarios** and testing against the client requirements and Project Functionalities.
* Conduct test case reviews with all affected parties (Business, developers, Product owner)
* Expertise in implementing **Agile** and **SCRUM Methodology** by analyzing requirement.
* Hands on testing experience in **Insurance** and **Banking** domain.
* Expertise in creating complex test cases for Positive and negative test scenarios.
* Well versed with **Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC), Logging** and **Tracking Defects** in all the phases with major responsibilities.
* Proficient in **continuous integration** to **Jenkins**.
* Hands on experienced in different **IDE** like **Eclipse**.
* Experience in use of **Appium** for **native**, **hybrid Mobile Application** Testing for IOS and Android platforms. Used **Appium** for test **Automation Framework, Cross platform test Automation.**
* Created custom framework for **API** automation using **Java Rest** **Assured** also used **Postman** for validation.
* Experience in **Functional Testing, Data Driven Testing, Load Testing**.
* Experience on working **json** and testing **API** using **SOAP UI/POSTMAN.**
* Expertise’s in back-end testing and writing **SQL** queries, Joins, procedures using **Oracle and MySQL**.
* Used **Postman** and **Rest Assured** for **REST API.** Tested request and response **json** based web services interfaces using **Postman**.
* Tracking bugs in Jira, HP AML, MS Excel and Bugzilla, **retesting the bugs** and updating the bug status.
* Participate in daily stand-up calls and work closely with developer test leads and project manager to know the **deliverable and commitments** of each release /sprint.
* Respond promptly to any requests from the development regarding **open issues**.
* Used **JMeter** to test application performance during Stress Testing. This simulation was created writing automation scripts.
* Expertise in automating test cases using open-source testing framework tools. (**Selenium IDE, WebDriver, TestNG, Page Object Model, BDD(Cucumber), Maven and Eclipse).**
* Good experience on **Selenium Automation** using **Web Driver IDE**, Heavy programming using **Java** and **TestNG**.
* Very good experience in developing and executing test cases by implementing Data driven framework using **Test NG** data providers.
* Utilized **Allure's** historical data analysis features to track test stability and identify improvement areas over time
* Experience in preparing **Cucumber feature files** (User Stories) and automated the feature file using Selenium
* Experience in **Unit testing, Smoking Testing, Functional testing, Regression Testing, User acceptance testing (UAT), Integration testing, System testing, Performance testing, White Box Testing, Black Box testing, Sanity testing, API Testing, Cross browser testing & Compatibility testing**.
* Implemented detailed and visually appealing test reports using **Allure Test Report** and **Extent Report**.
* Implemented test automation scripts mobile testing using **Appium** for Android and IOS apps.
* Identified mobile elements using **Appium inspector and UI Automator Viewer**.
* Experience in creating, maintain and executing user stories in **Jira tool**.
* **Peer review test cases** prepared by other team members.
* Provide **daily status report** to the QA Manger

**Education**: Bachler’s in Computer Science and Engineering in the Year of 2008-2012 with 64%.

**Certifications:** ISTQB® Certified Tester Foundation Level

**TECHNICAL SKILLS**

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| --- | --- |
| Development methodologies | Agile/Scrum Methodologies |
| Artifacts | Test Cases, Test Scenarios, Test Plan, RTM, Bug report, Daily Status |
| Operating Systems | Windows 10, iOS (Web, App, Ipad) and Android (Web, App, Ipad) |
| Testing Levels | Functional, System integraton,Smoke,Regression, Acceptance and E2E System Testing |
| Programming | Core JAVA, SQL |
| Browser | Chrome, Safari and Firefox |
| Test Framework | Test NG, BDD(cucumber),Page object model, Data driven Framework |
| GUI/ Tools | Eclipse IDE, Selenium Web driver, Postman. |
| Bug management tools | HPALM, Bugzilla, Jira, X-ray, HP Quality Center, TestRail and Zephyr |

**Professional Experience**

**Client: Fed Ex, Memphis Mar 2024 – Present**

**Role: Senior SDET**

**Project Description:**

The Line haul business area desires to create an application to assist with completing the Yard Check Process. The Yard check Process requires a member of the line haul field operations staff to reconcile the system location and system load status with the physical location and physical load status of all trailers at a given location. Make sure that all trailers that are status at the location in the line haul dispatch system are physically at the location. Make sure that trailers that are shown as loaded in the linehaul dispatch system are actually physically loaded.

**Roles & Responsibilities:**

* Understanding the business flow and writing test Cases and test scenarios inline to business flow and requirement specifications.
* Involved in Identifying and writing test cases and test scenarios for testing project.
* Performed end-to-end software testing including creating and executing test scenarios in addition to analyzing and clearly documenting all programming defects (software bugs) that are inconsistent with stated requirements and design specifications.
* Involved in design and implementation of Selenium WebDriver automation framework for smoke and regression test suites (cucumber and Maven).
* Created and reviewed system documentation, identifying test objectives, developing/updating test scenarios, and executing functional and regression test scenarios for a web-based application.
* Participated in requirements gathering sessions, reviewed design requirements to validate the project meet all the requirements.
* Used Zephyr to document test cases. Also Logged defects using Zephyr/JIRA application and communicate the defect status updates to the responsible analysis and implementation teams.
* Identified test failures by performing root cause analysis and reported in Zephyr/JIRA.
* Mapped test cases to functional/system/integration requirements for appropriate testing coverage in zephyr
* Reported detailed progress on testing activities to Management and involved in defect review meetings.
* Communicated effectively with system architecture, design, and development teams to learn, troubleshoot, and successfully test the system and involved in project gate reviews.
* Involved in writing complex SQL queries to retrieve data for validation and verification at the front end.
* Creating and Executing test scripts for regression testing of web application using selenium & cucumber.
* Created scripts for mobile testing and executed the same on Mobile operating systems. The testing involved execution of scripts on operating systems, multiple devices, and different handheld devices. Tested with Multiple carriers, multiple speeds of data transference (3G, LTE, Wi-Fi), multiple screen sizes.
* Executed different kinds of tests like Load, Stress and Volume tests and analysed results using jmeter.
* Reported and communicated progress/status reports, escalated Risks and Severity 1 defects, changes in Test Plan, directly to Project Management and upper management.
* Involved in RCA (Root cause Analysis) for the defects caused in different phases of testing. (SIT & UAT)
* Found Defects, prepared Defect Reports and Status Reports, performed Bug Triage, defect tracking using Zephyr/JIRA.
* Ensured testing environments are setup and available for testing appropriate test strategies, test plans and test summaries are completed for the new and approved Change Requests functionality.

## Environment: Selenium Web Driver, Java, BDD(Cucumber), JMeter, Maven, Agile, XPath, zephyr, Eclipse, Windows, Web application, MSWord, MS Excel, chrome, Firefox, Edge.

**Client: Sunlife Malaysia, Kuala Lumpur, Malaysia July 2020 – Feb 2024**

**Role: SDET**

**Project Description:**

Advisor App will allow SLM to achieve the Digital Enterprise 2025 strategy where 60% of transactions occur on a Digital Platform in the way- Digital Recruitment, Digital Learning & Digital Excellence thereby reducing the cost spent on Recruitment, on boarding & other skill trainings.

**Roles & Responsibilities:**

* Be part of requirement walkthrough sessions and understand the high-level requirements.
* Understanding the business flow and write the test scenarios inline to business flow and requirement specifications.
* Developed Test plan, Test strategy, Test data, Test cases and Test scenarios to test the Functionality and Change Functionality of the application from the FSD (Functional Specifications Documents).
* Conduct test case reviews with all affected parties (Business, developers, Product owner).
* Involved in design and implementation of Selenium WebDriver automation framework for smoke and regression test suites
* Designed and implemented BDD (Behavior Driven Development) test automation framework using Cucumber and Selenium WebDriver
* Developed reusable step definitions and hooks to improve test efficiency and maintainability.
* Creating test cases and executed by using JIRA and X-Ray
* Carry out regression testing every time when changes are made to the code to fix defects.
* Be part of the scrum ceremonies and highlight the impediments.
* Support ad hoc requests or tasks from the Client to support the testing deliverables within the assigned projects.
* Developed automation scripts for mobile native application on iOS and android platform using Appium and Java
* Performed mobile browser & mobile app testing on iOS and android.
* Executing Test cases in Real device like Android and iOS with native behaviour and APP functionality.
* To complete the testing as per the project plan schedule within the timeframe
* Created Defect Tracking Reports using Jira.
* Involve in Defect Triage Meeting, Sprint Demo and Sprint Retrospective
* Integrated Allure Test Report with JUnit and TestNG frameworks to generate interactive and comprehensive test execution reports.
* Performed data accuracy, data validation and data integrity testing by querying the database using SQL queries.
* Providing feed back to the team and the other required stakeholders about the progress of the testing efforts
* Broadcasting the results of testing to associated members.
* Responsible for Defect reporting and Test result reporting
* Report defects, define severity and priority for each defect found.
* Carry out regression testing every time, when changes are made to the fix defects.
* Involved in Automation Regression Testing
* Good experience in mobile testing using Appium in IOS applications using simulator and emulator.
* Performed mobile browser & mobile app testing on IOS Ipad.
* Involved in **RCA** (Root cause Analysis) for the defects caused in different phases of testing. (SIT & UAT)
* Executing Test cases in Real device like Android and IOS with native behaviour and APP functionality
* Support ad hoc requests or tasks from the client to support the testing deliverable within the assigned projects.
* Peer review and assist in test cases development with team members.
* Creating and Executing test scripts for regression testing of web application using selenium & cucumber.
* Good hands-on experience on API Testing
* Developed Automation Test Scripts using Selenium WebDriver
* Performed major role in understanding the Business and Functional Requirements.
* Closely working with Business to understand the domain specific integrities.
* Perform End to End Testing.
* Interacted with developers to clarify the defects.
* Coordinated UAT efforts with end-users and stakeholders in staging environments, gathering feedback and ensuring the application met business requirements.
* Creating automation test scripts that includes System Integration Testing, sanity, Regression and User Acceptance Testing.
* Executing Test cases in Real device like Android and IOS with native behaviour and APP functionality
* Extensively performed mobile testing on mobile app and web using different models of mobiles.

**Environment**: Selenium Web Driver, Java, TestNG, Jenkins, Maven, waterfall, Windows, Web application, XPath, X-ray, Jira, Eclipse, MSWord, MS Excel, Chrome, Firefox, Edge, Android Device, IOS Device.

**Client: RHB Bank, Kuala Lumpur, Malaysia Oct 2019 – June 2020**

**Role: SDET**

**Project Description**:

Anti-money laundering refers to a set of laws, regulations and procedures intended to prevent criminals from disguising illegally obtained funds as legitimate income. Anti-money laundering laws and regulations target criminal activities including market manipulation, trade in illegal goods, corruption of public funds and tax evasion.

RHB AML is a rule driven, risk based approach to solving Anti Money Laundering compliance obligations across multiple Jurisdiction. AML upgrade project is to ensure all the business requirements and specifications are as per business requirements that are generates to evaluate the accuracy of the application/product CDD, WLM, AML are the three main modules in RHB AML upgrade which assess customer Risk and generate alerts with respect to modules which helps to multiple and investigate customers

**Roles & Responsibilities:**

* Involved in analyzing Business Requirement Documents and Technical Specification documents and developed test plan and test cases for testing the application.
* Developed test automation scripts using Selenium Web Driver for regression and performance testing of the various releases of the application.
* Created and enhanced numerous test scripts to handle changes in the objects, in the tested application’s GUI and in the testing, environment using Selenium Web Driver.
* Implemented robust Page Object Model framework using Object Oriented Programing Java and open-source unit test framework TestNG that increase the code maintainability.
* Generated Test Reports using TestNG test script execution and created the error screenshots.
* Executed Maven targets to execute automation suites from command line.
* Developed automation framework by following a hybrid model approach of implementing Page Object Model and BDD using Cucumber Features, Scenarios and Step Definitions in Gherkin format.
* Performed Continuous integration automation testing using Jenkins and scheduled the tests to run at specific time and during the build deployment.
* Used GIT as version control tool, doing peer reviews and code check was done before checking the code.
* Design and develop automation tools and test frameworks such as Appium, UI Automation to support Mobile Application Testing.
* Creating automation test scripts that includes System Integration Testing, sanity, Regression and User Acceptance Testing.
* Tested mobile applications for IOS apps with swift and android apps as well for API testing with rest assured on Pivotal Cloud Foundry. For mobile automation used Appium.
* Developed Automation Framework from scratch using Protractor. Involved in writing automation test scripts using protractor config to execute the tests.
* Responsible for identifying test cases for manual and Automation with Selenium Web Driver for Smoke Test, Functional and Regression Tests.
* Involved in writing complex SQL queries to retrieve data for validation and verification at the front end.
* Involved in design and implementation of Selenium Web Driver automation framework for smoke and regression test suites (TestNG and Maven).
* Used Appium tool to develop automation test scripts on Android platforms for native applications on mobile devices.
* Developed Java scripts to automate the test cases.
* Proficient in UI Testing, Sanity Testing, Smoke Testing, Backend Testing and Black Box Testing.
* Performed end-to-end testing considering all interfaces and subsystems for functional and non-functional testing.
* Identified correct UI elements using various Selenium Locators, XPath and CSS to find the Web Elements using selenium and creating automation scripts.
* Involved in **RCA** (Root cause Analysis) for the defects caused in different phases of testing. (SIT & UAT).
* Used Postman and Rest Assured for REST API. Tested request and response Json based web services interfaces using Postman.
* Experience with Mobile Automation using Appium automation framework and WebDriver IO.
* Implemented test automation scripts for mobile testing using Appium for Android and iOS applications.
* Created custom framework for API automation using Java Rest Assured also used Postman for validation.
* Created Test scripts for the Test Execution and Documented the Reports using HP ALM.
* Coordinated UAT efforts with end-users and stakeholders in staging environments, gathering feedback and ensuring the application met business requirements.
* Performed Backend testing using SQL queries to retrieve and verify information in the database.
* Followed Agile testing methodology, participated in daily SCRUM meetings and testing each SPRINT deliverables.
* Responsible for testing the application against different environments in QA, staging and production.
* Interacted with development and product management teams for the quick resolution of reported bugs and various technical issues.

**Environment:** Java, Selenium Web Driver, TestNG, Maven, Cucumber, Eclipse, Jenkins, GIT, Appium, Protractor, Postman, Rest, XPath, CSS, Json HP ALM, SQL, Agile and Windows.

**Client: AmBank, Kuala Lumpur, Malaysia May 2018 – Sep 2019**

**Role: SDET**

**Project Description:**

Real-time Retail Payments platform (RPP) is a platform which provides real-time payment services, target at low to medium value payments an available 24x7, responds to the demands of an increasingly online, interconnected world.

**Roles & Responsibilities:**

* Responsible for preparation of Test cycle/progress reports, analysis of defect metrics and implement improvement actions for next iterations.
* Involved in defining test automation strategy and test scenarios, created automated test cases, test plans and executed tests using Selenium Web Driver.
* Designed and developed Page Objects using Page Object Design Pattern and Selenium Web Driver.
* Developed reusable test automation frameworks using Java and Selenium and used tool for including TestNG in an agile methodology environment.
* Used TestNG Annotations in Selenium WebDriver and executed a batch of tests as TestNG suite.
* Used Maven build tools to manage framework dependency jar files.
* Developed BDD (Behavior Driven Development) framework using Cucumber with Gherkins language.
* Involved in developing and maintaining robust and effective Page Object Model Framework.
* Compiled code to run batch jobs that will kick off executions of the scripts in Jenkins Server.
* Used extensively GitHub for code repository.
* Used Appium tool to develop automation test scripts on Android platforms for native applications on mobile devices.
* Experience in setting up test environment for automated script execution using JavaScript, Appium, Mocha, Cucumber and TestNG.
* Performed manual testing by executing test cases for all modules before creating automated scripts to validate the test procedure.
* Responsible for Building and Uploading IPA files from XCode and APK files from Android Studio on daily basis to Sauce Labs and mobile labs.
* Creating automation test scripts that includes System Integration Testing, sanity, Regression and User Acceptance Testing.
* Worked on the Android module of the project where I was responsible for automating the app using Appium with Java.
* Responsible for creating RFC for releasing the android and iOS apps to production and config changes.
* Maintained Test Matrix and Project Matrix using an excel sheet to keep track of the Project's schedule and status.
* Regression test cases were automated using Selenium WebDriver.
* Executed automated functional test cases to test Web service API using Rest Assured.
* Involved in writing complex SQL queries to retrieve data for validation and verification at the front end.
* Performed web services testing with Postman by validating request and response for Json files.
* Involved in testing the API services using Postman.
* Involved in RCA (Root cause Analysis) for the defects caused in different phases of testing. (SIT & UAT)
* Responsible for Develop & maintain test automation scripts for THD iOS and Android mobile app
* Involved in creating test case scenarios, test case execution and maintaining defects using Quality Center.
* Tested mobile applications for IOS apps with swift and Android apps as well for API testing with rest assured on Pivotal Cloud Foundry. For mobile automation used Appium.
* Developed SQL queries to query the database to retrieve the correct data for testing and to test the backend process of the application.
* Coordinated UAT efforts with end-users and stakeholders in staging environments, gathering feedback and ensuring the application met business requirements.
* Participated in Agile testing process with regular QA meetings to discuss major features of the application, test cases to write and execute.
* Interacted with development and product management teams for the quick resolution of reported bugs and various technical issues.

**Environment:** Java, Selenium Web Driver, TestNG, Maven, Eclipse, Cucumber, Jenkins, GitHub, Appium, Protractor, XPath, Json, Postman, Rest, Quality Center, SQL, Agile and Windows.

**Client: Genpact, Hyderabad, India June2016 – April 2018**

**Role: Software Test Engineer**

**Project Description:**

The Developed Application is Electronic Head Count Request Form is called EHCRF. The Developing application is EHCRF (electronic Head Count Request Form) which mainly deals in Approval of a Contract / Permanent / Trainee / Temporary / Transfer of Human Resources for all the Departments.

**Roles & Responsibilities:**

* Prepared Test Plan, test Cases, Test scripts and Test data for the application as well as for the database verification based on the functional requirements and test specs.
* Involved in testing the application utilizing the Scrum (Agile) methodology.
* Involved in testing various business rules User/Customer functionalities, and Change Processes.
* Developed and implemented robust MVC pattern base testing with Selenium Web Driver which cut down the script development time in half.
* Worked on creating test case for Object -driven framework for Selenium Web Driver.
* Performed Integration and Regression testing to check compatibility of new functionality with the existing functionalities of the application using Selenium.
* Used Selenium Web Driver used to test search results of Meta search engine.
* Performed Regression testing on new builds, every modification in the application using Selenium Web Driver.
* Used Selenium Grid to test the compatibility of the tests across multiple servers to save time.
* Performed Assertions like Schema Compliance, XPath and SOAP responses.
* Tested applications in different types of browsers and versions, such as Internet Explorer, Firefox, Google Chrome to simulate production environment.
* Worked in Defect Reporting and Defect Tracking process using HPALM. Identified, Reported and Tracked Defects using HPALM.
* End to End Testing of the complete website which was developed using Angular.JS, JavaScript, HTML5, CSS3 and other web technologies.
* Involved in RCA (Root cause Analysis) for the defects caused in different phases of testing. (SIT & UAT)
* Developed and executed detailed test plans, test cases, and test scripts to validate the accuracy and reliability of FSCM 9.2 system functionalities.
* Creating manual test cases for that includes System Integration Testing, sanity, Regression and User Acceptance Testing.
* Performed functional testing of FSCM 9.2 workflows, identifying and documenting defects to facilitate prompt resolution by development teams.
* Developed SQL Scripts for Backend Testing to ensure that the data is updated as per the Business Rules.
* Attended weekly status meetings with development and management Teams.
* Interacted with development and product management teams for the quick resolution of reported bugs and various technical issues.

**Environment:** Java, Selenium Web Driver, Eclipse, XPath, SOAP, HPALM, Maven, SQL, Agile and Windows.

**Client: ICICI Bank, Hyderabad, India Jan 2013 – May 2016**

**Role: Software Test Engineer**

**Project Description:**

Core banking project enhancements are initiated by ICICI Bank Ltd to adopt new features in banking domain. Project mainly focuses on the testing the Flex cube application for supporting banking functionalities which are supported by the existing system Fin ware and additional functionalities which are not available in Fin ware. Flex cube is a product of OFSS (Oracle Financial Services Software Ltd).

**Roles & Responsibilities:**

* Functional study of Application
* Documentation of Inter-system transactions for actual users
* Created Test cases based on the functional requirements
* Creating manual test cases for that includes System Integration Testing, sanity, Regression and User Acceptance Testing.
* Involved in complete Software Test Life Cycle (STLC) Preparation, Execution, and Peer Review of Test Cases and Business Scenarios.
* Creating Defects and tracking defects in the Bugzilla with developer’s team
* Prepared Daily Defect report (from Bugzilla) and Test status report (from Quality Centre) for stakeholders.
* Performed smoke, Functional, End to End, Retesting and regression testing.
* Used Bugzilla tool for defect tracking.
* Extensively worked with Quality Centre for test case execution and reporting purposes.
* Reported and entered defects and issues in Bugzilla and shared them with the QA Manager and team.
* Involved in RCA (Root cause Analysis) for the defects caused in different phases of testing. (SIT & UAT)
* Testing all functionalities to check the behavior of an application.

**Environment**: MSWord, MS Excel, Waterfall modelBugzilla, Quality Center, Windows, Web application.