Spandana

Phone : 573-382-3624

E-mail:spandanasappidi9@gmail.com

**Professional Summary:**

* Overall 8+years of software testing experience in various business, vast knowledge in **Software Development Life Cycle (SDLC)** stages and expert in Quality Assurance (QA) process & Test Methodologies.
* Expertise in using tools like HP Quality Center, JIRA and Bugzilla etc. Combined Protractor with powerful tools and technologies such as **Selenium, web Driver, Cucumber** and **JBehave.**
* Strong knowledge of Software Development Life Cycle (**SDLC**) methodologies such as Agile, SCRUM and waterfall models and **TDD, BDD.**
* Worked on version control **GIT** Hub tool and Continuous Integration with Jenkins.
* Expertise in designing and implementing Selenium Automation Frameworks using Data Driven, Key word driven, Hybrid and **Page Object Model (POM).**
* Experienced in Functional testing using Selenium IDE. Sound knowledge in **JUnit, TestNG** framework for Unit testing and Maven for Project building tool, Jenkins for Continuous Integration.
* Good experience in mobile testing using **APPIUM** in both **IOS** and Android applications using simulator and emulator.
* Experience with Mobile Compatibility testing and Mobile application testing - iPhone, Android, iPad/ Tablets, Windows phones
* Expertise in performing different types of Testing: Black Box Testing (Functional Testing), White Box testing, System Testing, Integration Testing, Regression Testing, Acceptance Testing, Sanity Testing, Back End Testing, **GUI** Testing and API Testing (SOAP and REST).
* Developed and tested many features for dashboard using **Ruby on Rails, Bootstrap, CSS, Java.**
* Experienced in creating naming convention and maintaining **Requirement Traceability Matrix (RTM)** and Test Assessment Reports.
* Sound knowledge on **Junit, TestNG** framework for Unit testing, Maven and Ant for Project building tool.
* Created manual Test Cases in **HP QC/HP ALM** for various User Stories based on release.
* Experience programming in Java**, Python, HTML, XML and SQL** on Windows XP, Vista Operating Systems and **UNIX** environments.
* Developed and tested many features for dashboard using **Ruby on Rails, Bootstrap, CSS, Java.**
* Used Firebug/Fire Path Add-on tools to identify the Object's id, Name, XPath, link in the application.
* Participated in Requirement review meetings, analyzed requirements, developing test plan and test cases, Requirement Traceability Matrix, Defect Management, Reporting, and Tracking.
* Worked in a highly dynamic **AGILE** environment, participated in scrum and sprint meetings.

**TECHNICAL SKILLS:**

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| Testing Tools | Selenium Web Driver IDE/GRID, Mercury QTP, HP Quality Center, Appium, Manual Testing, cucumber, UFT, SOAP UI, JIRA, Protractor, JMeter,. |
| Web Technologies | HTML, HTML5, DHTML, CSS, CSS3, XML, XSD, XSL, XSLT, XPATH, AJAX, JSP, AngularJS, jQuery, JavaScript. |
| Bug Tracking Tools | Quality Center (9, 10, 11.0), Jira, Team Foundation Server (TFS 2008, 2010, 2012), IBM Rational, Clear quest, Bugzilla. |
| Languages/Script | C, C++, Java, C#, ASP.Net, SQL, PL/SQL, Python, UML, VB Script |
| Project Management | Microsoft Project, Rally, MS Visio, Rational Rose |
| Browsers | Internet Explorer, Firefox, Chrome, Opera and Safari |
| Operating System | Windows XP, 7, 8 ,10, Ubuntu, Mac, UNIX and Linux |
| Mobile Manual Testing | Android, IOS |
| Version Tools | GIT and SVN |
| Testing Frameworks | Junit, TestNG, TDD. |
| Build/CI Tools | Ant, Maven, Jenkins, Hudson. |
| Packages | MS-Office Suite (Word, Excel, Access), MS Visio. |
| Databases | MS SQL Server 2000/2005, Oracle 9i/10g, MS Access 2000, TSQL, Oracle PL/SQL, TOAD, MySQL |

**PROFESSIONAL EXPERIENCE:**

**Role: Mobile QA Tester Feb 2018 - Aug 2018**

**Transamerica, Cedar Rapids, Iowa**

**Responsibilities :**

* Reviewing quality specifications and technical design documents to provide timely and meaningful feedback
* Creating detailed, comprehensive and well-structured test plans and test cases in Gherkin cucumber language
* Design, develop and execute automation scripts for end-end quality assurance of the application
* Working as part of cross functional, passionate agile project teams to ensure quality is driven into the heart of the development process from requirements definition through to delivery
* Identify, record, document thoroughly and track bugs
* Estimating, prioritizing, planning and coordinating quality assurance activities
* Working in methodologies such as Test Driven Development & Behavior Driven Development
* Maintaining Automated scripts to monitor applications 24/7 using Jenkins
* Using SQL to run different types of queries according to the requirements and scenarios
* Using AQT for executing queries for database such as Linux, mainframe Etc.
* Used Emulators and IOS Simulators to perform the Manual Mobile Testing.
* Implemented simulator for Mobile App Testing in iOS using Appium Tool.
* Performed Manual testing on Mobile for TA application.
* Design Test Plans, Test Cases, Use Cases to accomplish Testing for UAT, Functional, Database, Regression, integration, compatibility, Digital Support, Load testing on WEB and Mobile.
* Experience in doing automation testing for Mobile application in both Hybrid and Native applications.
* Prepared Test Closure Summary report and provided functional\Regression test sign off for the project.
* Used different types of virtual devices(Emulator) and real devices for Test Cases Validation
* Used Seetest, Appium tools to executed test on Mobile Devices.
* Experienced in using, Seetest and Appium for IOS, Android mobile automation.
* Planning and developing test cases in JIRA and qTest Manager
* QTest (QASymphony) for test script creation and validation.
* Documented and executed test plans and test cases, tracked and published results using qTest

**Environment :** Selenium, Maven, IOS, Android, Seetest, Qtest, Java, TestNg, JIRA, SQL

**Role: Test Automation Developer Aug 2017 – Feb 2018**

**Nationwide Insurance, Columbus, Ohio**

Momentum is a project currently under Nationwide's RPIT (Retirement Plans). As part of this project Nationwide's current Public and Private Services retirement tools will be integrated as one Web-Application called RP LINK. Being part of Night’s Watch team worked on Plans and Global, Payroll Processing projects of Momentum Line that deals with Retirement Plans provided by Nationwide Insurance. Payroll Processing deals with transfers, rollovers, life to annuity transfers and salary contribution for a selected plan.

As a Automation Test Developer I worked for Night's watch team I participate in front-end validation along with validating interface files and web-services.

**Responsibilities :**

* Analyzed requirements and sent clarification in initial stages.
* Prepared and executed test cases based on requirements.
* Collaborated with team of 14 to follow pair programming paradigm and agile methodology during development.
* Regression tested **C** and **C++** applications to guarantee quality and safety of software upgrades.
* Developed multithreaded **C++** code using QT framework thread and synchronization objects
* Created an accounting application on Ruby on Rails for payroll processing.
* Worked in conjunction between the project stories based on priority deliverables for the sprint.
* Used testing tools such as **Ruby Mine** for web and client server applications.
* Extensively used **Ruby mine** framework for writing the test scripts.
* Responsible for writing test scripts to test money in under payroll processing that deals with a retirement plan related information and permissions.
* Hands on experience on SQL Queries, Stored procedures and Tables.
* Use agile thought process to improve daily production and efficiency
* Experience in creating test frameworks using **Ruby/Cucumber.**
* working on Behavior Driven Development **(BDD)**, Acceptance Test Driven Development **(ATDD)** using Cucumber and Gherkin
* Wrote features, Scenarios, Outlines and Step Definitions for BDD in Cucumber
* Extensive experience in core Java and **Ruby, Object-Oriented Programming and Multi-Thread Programming**
* Experience in creating user stories in Product backlog and maintaining Sprint backlog
* Experience in understanding the code written in different languages**; java, SQL, Ruby**
* Involved in both manual and automation testing.
* Utilized strong analytical and communication skills while working with the team.
* Proficient in Ruby Mine, Quality Center, and Quick Test Pro
* Used **GIT** for Build Management for each sprint, QA, integration, and staging environments.
* Reviewed test documentations, test data, test results, and test scripts.
* Participating in **Three Amigos** as the tester representative to deliver a story card that can be tested in the appropriate scope.
* I worked closely with developers, requirements analysts, and the business owner to verify the features being delivered were correct and with high quality.; Created automation scripts and base framework that is currently used by **Night's watch** lines
* Conducted database verification checks and validation using **SQL.**

**Environment :** Ruby, Cucumber, Ruby Mine, SQL, BDD, Java, Selenium, c++, GIT, Gherkin, and QC.

**Role: Automation Test Engineer Sep 2015 – July 2017**

**LA Care Health Plan, Los Angeles, CA**

LA Healthcare Partners, Inc. is most famous Health companies in United States. Their Offerings include in-center hemodialysis, in-center nocturnal dialysis, peritoneal dialysis, home hemodialysis, vascular access management, chronic kidney disease education, and renal diet assistance.

**Responsibilities:**

* Created Automation Scripts using **SeleniumWebdriver**.
* Experience in using **Selenium webdriver APIs** for writing Junit tests suites and test cases for testing functionality of code.
* Proficient in Core **Java technology, C++, Selenium web driver.**
* Extensively involved in all stages of testing life cycle, Test Driven Development methodologies, Software Development Life cycle **(SDLC)** using Agile methodologies.
* Experience building automation framework from scratch using **Selenium webdriver**, like **TestNG, cucumber** and **Junit.**
* Worked on **Agile/Scrum** Methodology involved in giving points to User Stories, Back log grooming, User story demos, attended retrospective meetings and worked on Iterations (Sprints) part of releases.
* Run the Automated **Regression** suite and analyzed results and file bugs.
* Helped in preparation of test plans in accordance with the **business Requirements Document (BRD).**
* Developed and Executed Automation and Manual test cases for Functional testing of various modules of the application.
* Responsible in executing **Selenium RC** test scripts on different browsers and checked for compatibility.
* Worked on developing the automation scripts for backend testing using **Selenium RC**.
* Effectively participated in every day Agile, Scrum, Stand-up meetings and participated in Iteration planning and retrospective meetings.
* Wrote **Python** Scripts to develop automated scripts and frame works.
* Configured **Selenium WebDriver, TestNG, Ant** tool and created selenium automation scripts in core C# using JUnit prior to agile release.
* Configured **Maven** for **Python** Automation projects and developed **project object model (POM).**
* Implemented **Selenium Grid** to run Regression Tests on multiple platforms and browsers in parallel.
* Performed Manual testing and Black box testing methods -Functional, Integration, System and Acceptance.
* Managing project versions and test cases using **ALM.**
* Wrote scripts for testing using **Ruby** in **cucumber framework.**
* The entire Ruby scripting done using **Cucumber** Framework Wrote and executed **SQL** queries to verify the data updates to various tables and ensure data integrity.
* Performed data driven testing by using **JDBC** as a data source in **SOAP UI** and configured **SQL** queries to fetch data from the Oracle database.
* Used **HP ALM** Tool for write and execute Function test cases.
* Used **SOAP UI** tool to test **SOA** based architecture application to test **SOAP** services and **REST API**.
* Used **GIT** as code repository and Code Collaborator to manage code reviews.
* Created automated scenarios using **Selenium** for regression and Data-Driven testing.
* Conducted Regression testing after every new build.
* Used **HP ALM** Tool for write and execute Function test cases.
* Involved in tracking and reporting defects using **QC** and was also responsible for communicating the status to the development team.

**Environment:** Java, Selenium Web Driver, TestNG, Maven, AWS, SOAP UI, TDD, Cucumber, BDD, Junit, Agile, XML, XPath, Rally, Web Services (SOAP & RESTFUL) Java, Python, Ruby,c++, Quality Centre, JIRA, API, Firebug, SQL, PLSQL, Oracle 10g and windows.

**Role: Mobile/Automation Engineer Aug 2014 - May 2015**

**First Atlantic Bank, Jacksonville, FL**

First Atlantic Bank operates under a traditional community banking model with an emphasis on high-quality customer service and relationship-driven banking. With a substantial capital base. They offer loans including traditional business loans.

**Responsibilities:**

* Analysis of Business and Requirement Specifications. Designing Test Lab and formulation of Test Strategy, Test Plans Performed functional testing to identify various critical points in the application and automated it by using **Selenium WebDriver**.
* Experienced in designing customized **Hybrid framework, Keyword Driven, Data Driven &POM** in order to make maintenance process easier and achieve efficiency, re-usability and accuracy across applications.
* Worked in the Agile environment with frequently changing requirements and features set.
* Prepared **Test Plans, Test Scripts** and **Test Cases** based on functional specifications and user requirements.
* Performed Data driven testing using **Selenium WebDriver, Junit** functions and **JDBC** Connections, which reads data from scripts using property and **XML** files.
* Developed test code in Java language using **Eclipse IDE** and **Junit** framework.
* Used Java language and **Junit** framework for scripting.
* Used Ant for building the **WebDriver** project. Integrated with Continuous Integration tools Jenkins for runningtest on nightly basis automatically.
* Provided support in JavaScript, ArcGIS Runtime **SDK** for Android and proxy related queries for the APIs and other
* Implemented **Page Object Model** Automation framework with **Java, Selenium WebDriver** and **Cucumber** with**Ruby**.
* Involved in integrating the test suites to **Jenkins** to execute them automatically after every successfuldeployment.
* The entire **Ruby** scripting done using **Cucumber** Framework Wrote and executed SQL queries to verify thedata updates to various tables and ensure data integrity.
* Designed test cases based on the use-cases and the complex business logic defined for each web-serviceor a message
* Executing the test plans on web and mobile (**Apple & Android**) as per requirements
* Created **Jmeter** scripts using Selenium IDE to stress test web application
* Designed and Developed **UAT** Regression Automation script and Automation of functional testing frameworkfor all modules using **Selenium** and **WebDriver**
* Used **XPath** and **DOM** to work with dynamic and static objects in **Selenium**
* Used **SOAP UI** tool to test **SOA** based architecture application to test **SOAP** services and **REST API.**
* Create bugs and defects via **JIRA** and attend defect triage meetings when necessary.
* Reported and updated Bugs, New Features, and Improvements using **JIRA** Project Management tool

**Environment:**Selenium WebDriver, Jenkins, Ruby, Cucumber, SOAP UI, Maven, Appium (Android), Mobile testing, Agile, Appium, Junit, REST API, JMeter, Ant, SDK, TDD, BDD, SQL, Jira, Fire path, Firebug, Eclipse, XPATH, Java, HTML, CSS, Oracle and Windows.

**Role : Automation Engineer Nov 2012 - June 2014**

**All State Insurance, Northbrook, IL**

**Responsibilities :**

* Identifying the feasible automation test scenarios from the manual test cases.
* Participated in peer review with team and developers to review test cases/test scripts.
* Involved in the migration of **Selenium RC** Scripts into **Selenium Web Driver** Scripts.
* Performed System, Integration, Smoke, Sanity, Functional, Back-end, Positive and Negative and monitored the behavior of the applications during different phases of testing using testing methodologies.
* Regression testing was performed after each build release of the application and updated the Scripts by executing the Regression suites built using **Selenium** and approve for regression suit.
* Used Hybrid Framework of **Selenium** to get data from Excel.
* Created Selenium Test cases for automation using **Selenium Web Driver** and **Java.**
* Interacted and worked with the development team to analyze the defects and reported them in **Quality Center** and tracked them for closure.
* Parallel, Cross - Browser Testing using **Selenium Grid** and **TestNG**.
* Participated in weekly QA status and project status meetings to report any defects and issues encountered in application.
* Creating and updating automation scripts for **Regression Testing**.
* Prepared Test Execution Reports and Reviews.
* Designing the test cases based on test scenarios and executing test cases.
* Created and executed detailed test cases with step by step procedure and expected results and maintained the test logs, test reports, test issues, defect tracking using **Trac**.

**Environment :** Selenium WebDriver, Selenium RC, Quality center, Java/J2EE, JavaScript, Eclipse, SVN, Java, Trac, SVN, Maven.

**Role: Automation Test Engineer May 2011- July 2012**

**Avantel Limited, Hyderabad, India**

**Responsibilities:**

* Analyzed business requirements, Functional Specifications and Use Cases, prepared Test Strategy and Test plan.
* Interacted with Functional and Technical Leads/Developers for understanding the requirements.
* Created all **Test Plans, Test Cases** and **Manual Scripts** to create greater coverage for all initiatives assigned.
* Reviewed test plans, test cases and test scripts to ensure consistency with strategic direction, goals and objectives of **QA** resources working on the project with Agile **SCRUM** methodology.
* Performed User Acceptance Testing in the final phase of software development process to check the functionality of the software.
* Documented and tracked test scripts, test results and reported test defects using **HP Quality Center**
* Involved in triage management - Track all the defects raised, conduct defect meetings to update the status of all the defects on periodical basis, publish a consolidated list on weekly basis.
* Identified correct GUI elements using various **Selenium Locators** like **ID, Name, Link Text, Partial Link Text, XPath, CSS** and **DOM** in creating automation scripts.
* Write Script in **Java** from scratch for **regression testing** done with **selenium webdriver**.
* Worked with the team lead to coordinate the test case turnover process proceeding each cycle and selectively executed the test cases to verify that they are kept current.
* Involved in **QA** team meetings and gave updates to the **QA** lead/Project Manager on a weekly basis.
* Maintained the **Selenium** and **JAVA** automation code and resources in source controls like GIT over the time for improvements and new feature
* Responsible for conducting Integration, End-to-End testing to make sure business work flow is sufficiently replicated.
* Used **GIT** as the version control tool for the source code. Performed merge conflicts, and fork operations using **GIT** repository
* Investigated software bugs and reported to the developers using **Quality Center**.
* Interacting with developers to resolve the technical issues.
* Assisted the Newly Joined test team members to understand the application.
* Moderated Daily Defect Review meetings with Development Team to review the defects raised by QA team.

**Environment:**Selenium IDE/RC/Grid, Junit, WinRunner, QuickTest Pro, Quality Center, SQL, WebLogic, Windows, waterfall.

**Role: Manual Tester Aug 2009 -April 2011**

**Star Hospitals, Hyderabad, India**

**Responsibilities:**

* Understood the Client Requirements and converted them in to Test Requirements.
* Analyzed the dependencies over the End User Requirement.
* Actively involved in the preparation of the Test Plan.
* Designed the Test Cases and the Test Data.
* Involved in the testing such as **Functional, GUI,** and **Regression** using **Quick Test Pro**.   
  Automated high priority test cases using **QTP** tool.
* Reported the defects through Quality Center and various matrices using MS Office.
* Involved in Functionality, Black box, Integration and System of the application using **QTP**.
* Responsible for Generating, Executing Scripts and Analyzing results using **QTP**.
* Reviewed the reported Test Cases. Participated in status meetings and prepared documentations.
* Reported status to the client in various matrix forms.
* Responsible for Data setup for System testing.
* Was responsible for Bug Report generation and defect tracking using Quality Centre
* Wrote **MSSQL** queries to interact with the database and test/validate data.

**Environment:**Manual Testing, HTML, GUI, SQL, QTP, Java, Quality Center, , MSSQL 2000, Windows.

### EDUCATION:

* Bachelor of Engineering from OsmaniaUniversity 2009, India