|  |
| --- |
| Pushp Raj Kumar |
| Email Id :mail.pushprajkumar@gmail.com Contact No.: +91 8409959851 |
|  |

**PROFESSIONAL SUMMARY**

|  |
| --- |
|  |

* Senior Automation Tester Engineer with 10 years of experience in all facets of Quality Assurance. Extensive experience in automating the test cases for Web application, windows applications and Web Services.
* Having framework development experience in Robot framework using Python, in Rest Assured API testing framework using Java, in BDD framework using Selenium, in Hybrid framework using UFT and various Data driven and Keyword driven framework. Proficient in all phases of STLC from test planning to test development, to defect tracking, to managing defect lifecycle till the closer of the defect.
* Having experience in various tools and technologies TestNG, Jenkins, Maven Log4J report, Extent report, ALM, QC, Git Hub. 10 years hands on experience in creating and executing modularized re-usable automated scripts in various programming languages.
* 3 years experience as an Onsite coordinator in (USA and Canada). Associated with the client to pursue new testing assignments, coordinated with the Business and the Development team to understand the requirements, assigned the task to the offshore team and delivered the milestone in stipulated time.
* Having business domain knowledge in Sanctions and Anti-money laundering, Security treading application, Commercial card application, payment, retail banking application.
* Experience in working with Software Development Life Cycle (SDLC) and STLC following Agile (SPRINT/SCRUM), Kanban and Waterfall methodologies.

**TECHNICAL SKILLS**

|  |
| --- |
|  |

|  |  |
| --- | --- |
| **Project Methodologies** | Agile/Scrum, Kanban, Waterfall. |
| **Automation Testing Tools** | Selenium, UFT, QTP, Rest Assured |
| **Frameworks** | BDD framework using Selenium, Robot framework, Hybrid framework, Data driven and Keyword driven framework, BPT framework, Page Object Model. |
| **Programming Languages** | Java, Python, VB Script, Java Script |
| **Markup Languages** | HTML 5, CSS, XML |
| **Database** | Microsoft SQL Server, MySQL, Oracle RDBMS, MS-Excel |
| **CI/CD Tools** | Jenkins, Maven |
| **Bug Tracking Tools** | RTC, HP ALM & Quality Center, Bugzilla, JIRA |
| **IDEs** | Eclipse, PyCharm |
| **Other Technologies** | TestNG, JUnit, GitHub, SVN, Log4J, Extent report |
| **Operating systems** | Windows |
| **Browsers** | Google Chrome, Mozilla Firefox, Internet Explorer. |

**PROFESSIONAL EXPERIENCE**

|  |
| --- |
|  |

* Working as Senior Automation Tester in Wipro from Apr’ 2015 to till Date.
* Worked as an Associate consultant in Polaris Software Lab, Chennai from Sep’ 2010 to Mar 2015.
* Worked as a Associate Software Engineer in Infosys, Bangalore from Feb’ 2010 to Aug 2010.
* Worked as Software Trainee in SXD Infotek, Ranchi from April 2009 to Dec 2009.

**PROJECT EXPERIENCE**

|  |
| --- |
|  |

|  |  |
| --- | --- |
| 1. **Visa Merchant Screening Services (VMSS), Visa Inc. Aug 2019 to till Date** | |
| Key skills/ Tool required | **Robot Framework, PyCharm, Python, SQL Server, Jenkins, Maven** |
| Team size | 3 |
| About Project | This is a Visa web-based services that allows global visa acquirers to search a central repository of merchants or agents whose contract have been terminated by the organization due to fraudulent or questionable activities. By using VMSS acquirer can vet merchants prior to entering into contracts, and use the information to better evaluate potential clients and assess the risk of possible fraudulent activity. |
| My Responsibility | * Responsible for Designing the **Test Plan** and **Test Strategy** based on application environment and Business requirement. * Perform the **effort estimation** for functional and automation tasks with the help of **Work break down Structure**, this includes identifying potential risks in the project. * Attend daily **Scrum** Stand up meeting and follow **Industrialized Agile (IA)** principles. * Identify **Test automation approach and feasible tool** based on the application architecture, by performing **Proof of concept (POC)**. * Design and Develop the architecture of the **Hybrid** framework in **PyCharm** IDE using **Robot framework** based on the testing requirements, and developed the Framework function library. * Maintain Automation repository with **Continuous Integration (CI)** tools with **SVN** and implement through **Jenkins**. * Based on the identified automation framework, develop the reusable functions in **Hybrid framework** using feasible scripting language( **Python**, **Java**) * Prepare the Test Data in MS-Excel, design **Macros** to manage and reuse these data. Create and maintain **Object Repository** using Xpath,CSS andother object identification technique. * Perform the **Database testing, SQL Server** is used to involve in the testing with databases, writing queries on Data manipulations, Data definitions and relational data base concepts. * Prepare **requirement traceability matrix (RTM)** and Test traceability Matrix (**TTM**) to ensure requirement and execution coverage for both Internal and External Audits. * Perform detail functional and **Regression Testing** by manual or using automation framework. * For **Defect management**, logging the defects in HPQC and preparing defects report, tracking till closure. Root cause analysis of the defects or issues is performed to prevent the occurrence of these defects in future. * Conduct **Defect Triage** meetings with the stakeholder viz. DEV, PMO, Business etc. |

|  |  |
| --- | --- |
| 1. **ORI Sanction, State Street, Boston-USA Feb 2017 to July 2019** | |
| Key skills/ Tool required | Selenium with Java**,** TestNG, Maven, Jenkins, BDD Framework, RTC, Eclipse  UFT with VBScript, ALM, RTC, SVN, SQL Server, Hybrid Framework, TAF |
| Team size | 12 |
| About Project | In order to comply with sanctions and anti-money laundering laws, regulations and regulatory expectations, State Street automated this new entity screening solution to be a central system for screening of all entities: customers, customers associated third parties, securities, brokers employees and vendors, By matching the input entity data against the lists of sanctioned parties. |
| My Responsibility | * Responsible for Designing the **Test Plan** and **Test Strategy** based on application environment and Business requirement. * Perform the **effort estimation** for functional and automation tasks with the help of **Work break down Structure**, this includes identifying potential risks in the project. * Attend daily **Kanban** Stand up meeting and follow **Industrialized Agile (IA)** principles. * SQA Task creation in **IBM’s Rational Team Concert (RTC)** for the work items assigned, which include test case creation task and test case execution task. * Identify **Test automation approach and feasible tool** based on the application architecture, by performing **Proof of concept (POC)**. * Design and Develop the architecture of the **Hybrid** framework in **Eclipse** IDE using **Selenium** based on the testing requirements, and developed the Framework function library. * Maintain Automation repository with **Continuous Integration (CI)** tools like **SVN** and implement through tools like **Jenkins**. * Based on the identified automation framework, develop the reusable functions in **Hybrid framework** using feasible scripting language( **VB Script**,**Java**) * Prepare the Test Data in MS-Excel, design **Macros** to manage and reuse these data. Create and maintain **Object Repository** and identify the application’s objects by using various object identification techniques like **Descriptive Programming** etc. * Perform the **Database testing, SQL Developer 4.0.3 is** used to involve in the testing with databases, writing queries on Data manipulations, Data definitions and relational data base concepts. * Review the business requirements and break them into specific **Use Cases**. Derive test cases for those Use Cases to ensure maximum Quality. Design the **Integrated Test Development (ITD)** templates and test cases in **HP Quality Center** to minimize the manual efforts to the future modules, Identify appropriate **Test Data** needs and prepare **Test Bed** accordingly. * Prepare **requirement traceability matrix (RTM)** and Test traceability Matrix (**TTM**) to ensure requirement and execution coverage for both Internal and External Audits. * Coordinate Onsite assignment and work with Client to pursue new testing assignments and also coordinate delivery with the Offshore Team for **Quality Assurance.** * Scheduling, identifying and tracking progress of project milestones and Providing Weekly and Monthly Status Reports on the projects. **RTC Dashboard** and **HP-Quality Center** analysis reports are used. * Perform detail functional and **Regression Testing** by manual or using automation framework. * For **Defect management**, logging the defects in HPQC and preparing defects report, tracking till closure. Root cause analysis of the defects or issues is performed to prevent the occurrence of these defects in future. * Conduct **Defect Triage** meetings with the stakeholder viz. DEV, PMO, Business etc. using **HP ALM** **tool**. |

|  |  |
| --- | --- |
| 1. **Gold Copy, State Street** | |
| Client | State Street Bank, USA |
| Project Duration | April 2016 to Jan 2017 |
| Testing Tool used | Unified functional Tool (UFT), HP ALM Quality Center, Rational Tool, Rational Team Concert (RTC) |
| Team size | 8 |
| About Project | Gold Copy is a corporate action Project, which acquire, manipulate and deliver data across multiple sources. This project automatically process corporate action and create CART’s for various events. |
| My Responsibility | * As an **Agile team member**, responsible to Planning the work for current releases which are at top-priority based on requirements. Iteration planning involves the Planning the work for the current Iteration. Refined the Product backlog, Improvements from previous iteration retro, Iteration Goal. IBM’s Rational Team Concert (RTC) is the tool used to track end to end user story requirements. * SQA **Task creation in RTC** for the work items assigned, which include test case creation task and test case execution task. * The user stories mentioned in the acceptance criteria in Rational Team Concert is analyzed and requirements are summarized in a comprehensive manner. Any queries on the user stories can be clarified with the product owner and get the requirements finalized. * Perform the **Effort Estimation and Story sizing**, Work break down Structure tool is used for estimating the efforts and dividing the work items. This includes identifying potential risks in the project. The estimation here includes the story sizing. * Creates and maintains a complete **Test Strategy plan** for performing and managing testing activities. * Review the business requirements and break them into specific **Use Cases**. Derive test cases for those Use Cases to ensure maximum Quality. Design the **Integrated Test Development (ITD)** templates and test cases in **HP Quality Center** to minimize the manual efforts to the future modules, Identify appropriate **Test Data** needs and prepare **Test Bed** accordingly. * Design and Develop the architecture of the Hybrid framework in UFT 12.5 based on the testing requirements, and developed the Framework function library. * Based on the identified automation framework, develop the reusable functions in **Hybrid framework** using feasible scripting language( **VB Scripts**) * **Prepare the Test Data** in MS-Excel, design Macros to manage and reuse these data. Create and maintain Object Repository and identify the application’s objects by using various object identification techniques like Descriptive Programming, Xpath, CSS etc. * **Execution of the automation scripts**, maintenance of the automation scripts in accordance with the changes in functionality and changes in automation framework. * **Logging the defects in HPQC** and preparing defects report, tracking till closure. Root cause analysis of the defects or issues is performed to prevent the occurrence of these defects in future. |

|  |  |
| --- | --- |
| 1. **Global Transaction Management, State Street** | |
| Client | State Street Bank, USA |
| Project Duration | April 2015 to Mar 2016 |
| Testing Tool used | Unified functional Tool (UFT), Tool Agnostic framework (TAF) HP ALM Quality Center, SQL Developer |
| Team size | 8 |
| My Responsibility | * Understanding the functionality of application through required document (FRD, PSD, User tools Document). * Design approach, strategy and test plan for assigned Module/Application. * Participating or conducting all meetings, which is related to project to improve the quality of the projects. * Supporting team, and reviewing their task. * Review test cases, keywords, reusable scripts and all other deliverables from Automation Engineers for assigned Module/Application * Creating the suite for the sub module based on the Tool Agnostic Framework. * Writing the script in QTP based on the business functionality, writing the common functions for reusability, Test data preparation. * Object Repository handling and integration in ALM- Responsible for executing the script and logging the defect in ALM. * Participating the release execution based on the execution release. * Involved in creation and handling of testing Document like RTM, defect Log, test scripts. * Finding the defect, loading the defect in QC and keep tracking them. * Perform the retesting and closing the defect. * Perform the regression testing. |

|  |  |
| --- | --- |
| 1. **BMO Investor line Service Automation-Toronto** | |
| Client | Bank of Montreal, Toronto |
| Project Duration | April 2014 to Mar 2015 |
| About Project | BMO investor line is an internet based Security treading application supporting BMO clients. This online trading website provides the customers a seamless internet trading experience through its various useful such as streaming quotes, trading for equity, Mutual Fund, Options, FX. This application is having multiple Services available on mobile and Tablet. |
| Testing Tool used | QTP 11.0, ALM 11.0, SQL Server |
| Team size | 5 |
| My Responsibility | * As an Onsite coordinator responsible for understanding the requirement. * Design the framework for web service testing on the basis of HTTP request response object. * Prepared the extensive and micro level plan for entire project duration for development, test data preparation and execution. * Coordinated with offshore team for development of manual TCs based on requirement document, development of Scripts, and execution for all services. * Script development performed for some * Reviewed the TCs and Scripts for getting the sign off. * Initiated and attended multiple meeting with clients for project status and defining the scope of the project. |

|  |  |  |  |
| --- | --- | --- | --- |
| 1. **Citi Bank Commercial Card, Citi Bank - US** | | | |
| Client | | Citi Bank, Chennai |
| Project Duration | | Sep 2012 to April 2014 |
| About Project | | * Citi Commercial card is an internet based program administration and reporting application supporting Citi Bank commercial card clients. * This application is having multiple Modules: Cafe Library, Landing Page, OLAOLM, and CSP. * Landing Page module is responsible for creating the user, assigning the different cards, assigning the entitlement to the NCH,CH and HD users. |
| Testing Tool used | | QTP 11.0, ALM 11.0, Oracle Database |
| Team size | | 15 |
| My Responsibility | | * Understanding the functionality of application through required document (FRD, PSD, User tools Document). * Creating the suite for the submodule based on the ALM framework. * Writing the script in QTP based on the business functionality, writing the common functions for reusability, Test data preparation. * Object Repository handling and integration in ALM * Responsible for executing the script and logging the defect in ALM. * Participating the release execution based on the execution release. * Finding the defect, loading the defect in QC and keep tracking them. * Perform the regression testing. |
|  | |  |
| 1. **Commercial Card System, JPMC-Mumbai** | | |
| Client | | J P Morgan Chase, Mumbai |
| Project Duration | | Dec 2011 to Aug 2012 |
| About Project | | PaymentNet and CHUI are the internet based program administration and reporting application supporting JPMorgan Chase commercial card clients.  This application is having multiple Modules: Accounts, Transaction, Payment, and Dispute. |
| Testing Tool used | | QC, DB2, QTP, BPT |
| Team size | | 20 |
| My Responsibility | | * Business Process Components creation. manual and automation test case preparation using these components * Understanding the functionality of application through required document (FRD, PSD, User tools Document). * Understanding the Business logic and life cycle of commercial card services. * Writing test cases of different module for functional testing according to the functional specification. * Test Data preparation according to the test cases. * Test case execution in QC and test case execution in BPT. * Involved in creation and handling of testing Document like RTM, defect Log, test scripts. * Finding the defect, loading the defect in QC and keep tracking them. * Perform the retesting and closing the defect. * Perform the regression testing. |
|  | |  |
| 1. **SIT Automation Buy Flow, Chennai** | | |
| Client | Time Warner Cable, USA | |
| Designation | Automation Test Engineer | |
| Project Duration | 10 Months | |
| About Project | Time Warner Cable is an American cable telecommunications company that operates in 28 states and has 31 operating divisions. It provides a commercial services for TV, Internet and Phone with various bundles and offers. | |
| Testing Tool used | QTP, Bugzilla | |
| Team size | 4 | |
| My Responsibility | * Understanding the functionality of application through KT and reverse KT and modularize it according to the functionality. * Writing test cases of different module for automation according to the Functional Specification. * Understanding the Hybrid framework and modify it according to the Project requirement. * Test Data preparation according to the test cases. * Involved in creation and handling of shared object repository. * Writing scripts according to the functionalities. * Execution of scripts. * Preparation of different Defect Logs. | |

|  |  |
| --- | --- |
| 1. **MESH Support, Douche Bank, Bangalore** | |
| Client | Douche Bank |
| Designation | Process Executive |
| Project duration | 6 Months |
| Technology used | QRT(Query Request Tool), GCM(Global Change Management) Tool, Putty, Tibco, MS-Excel |
| Team size | 10 |
| My contribution | * Providing support and services to L1 and L2 team by alert monitoring * Preparing reports according to the requirement of PM. * Executing patch in Putty on time according to the project requirement * Updating the MS-Excel macro for different report generation. * Writing the database queries in QRT tool for report preparation and data validation. |

**EDUCATION**

|  |
| --- |
|  |

|  |  |
| --- | --- |
| **Master in Computer Application(MCA)** | **ICFAI School of Information Technology, Hyderabad** |