**Inderjeet Virdi**

Email id: ivird Cell #

**PROFESSIONAL SUMMARY**

* Quality Analyst with over 5 years of hands-on experience in Banking, Investment and Telecom all stages of **Software Development Life Cycle including test planning, test case writing, developing test strategies, test scripts** and reports to accomplish quality software and performing Manual and Automation Testing.
* Working knowledge of **Software Development Life Cycle and Defect (Bug) Life Cycle**
* Wide experience in database, functional, GUI, performance, unit, integration, regression, white box testing.
* Web and mobile applications testing on various platforms such as; **Linux, Windows, Windows Mobile, Android, iOS**
* Adept with software testing methodologies in agile environment.
* Effective **debugging and analyzing** of backend system to track the issues early on in **SDLC**
* Well versed expertise in testing Client-Server applications.
* Successful implementation and testing of Automation scripts in Selenium working as QA Analyst.
* Worked with **Agile & Waterfall** methodologies in different projects.
* Well-developed skills of writing **SQL queries** for successful data transactions and validation.
* Proven ability to test functionality, reliability, performance, and web services.
* Implemented test scripts in **SOAP UI** for testing of Restful and **SOAP web services.**
* Possess debugging and problem-solving skills by resolving technical challenges with team.
* Good expertise in Static Testing-Peer Review **(Test Design and Defect Tracking).**
* Experience in manual testing and writing **Test Plans, Test Strategy and Test Cases.**
* Proficient in Test Planning, Test Strategies, Test Case Design, Reviews, Defect Reporting & tracking and Test Execution (Manual, Automation) using test plans and functional requirements.
* Expertise in automating web applications using **Selenium** Web driver by handling different locators of a web page.
* Well experienced in implementing **PageObjectModeling** for creating Keyword Driven, Data Driven and Hybrid frameworks.
* Excellent in creating automation scripts using **Maven** framework and executing automation test suites using **TestNG**.
* Extensive experience in automating a web application using **Behaviour Driven** framework like **Cucumber.**
* Excellent in automating service **API**s using **REST assured** library.
* Good experience in Web services Testing-using **POSTMAN**.
* Experience in **Java** coding for CRs involving from Requirement gathering, Analysis, Design and till maintenance.
* Well versed skills in **Functional Testing, Integration Testing, User Acceptance Testing (UAT), Performance Testing, Database Testing, System Testing, Regression Testing, Sanity Testing, Smoke Testing, Compatibility, and Black box testing.**
* Practical knowledge of **HP, ALM, JIRA, TestRail, Web Defect Manager** and **Bugzilla.**
* Have ability to learn new procedures quickly and efficiently.
* Effective **debugging and analyzing** of backend system to track the issues early on in **SDLC**
* Committed, organized on tasks and priorities, hands-on, attention to detail
* Recognized as an excellent team player who is passionate about delivering high-quality products
* Quick learner of new technologies, tools and concepts. Recognized for effective communication, collaboration and team building skills

**TECHNICAL SKILLSET**

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| --- | --- |
| **SDLC Methodologies** | Waterfall, Spiral, AGILE, UML, Cost/ Benefit Analysis |
| **BI & Utility Tools and Application Serve** | MS Word, MS Excel, MS PowerPoint, MS Project, MS Visio |
| **Database Systems & Reporting/Integration Tools** | **Relational**: **MySQL**, SQLite, **Oracle 8i**, 9i,10g, MS- Access  **NoSQL**: MongoDB, **IBM Db2,** MS Excel, SQL Server, SAS |
| **Programming & Query Languages & Packages** | JAVA, Selenium, SQL, UNIX, Linux |
| **MS Excel Skills** | **Pivot Tables, Lookup functions, Match/Index functions, macros, v-lookups** |
| **Platforms** | Linux, Windows 10 (1607/1703)/ 8.1 / 7, Android 4/5, iOS 7/8 |
| **Technical Tools** | Jira, Confluence, Zoom, Teams, Test Director, Mercury, HPQC |
| **Other Tools** | Selenium WebDriver, VMWare, MS Office, JIRA, HP ALM (QC), MySQL, Jira, Postman, Ready API CI/CD: Jenkins, Visual Studio 2012/13, Apache, TestNG |

**PROFESSIONAL EXPERIENCE**

**Quality Assurance Analyst**

**Royal Bank of Canada, Toronto, ON Nov 2022- Sep 2023**

**Project: Implementation of Mortgage Business and Financial Planning Application**

**Project 1 Summary: Mortgage Business Automation Platform is a new Agile Mortgage system for intelligent automation in transforming mortgage processing at Royal Bank of Canada. Worked as a Business analyst in Agile Mortgages solution which is built on top of the existing platform, automates manual, labor-intensive mortgage processes, enabling lenders to dramatically accelerate the lending lifecycle.**

**Responsibilities:**

* Evaluated **Business Requirements** and **Technical Specifications** and drafted documents to understand the working of the applications.
* Attended a strategic meeting to identify and refine requirements between **Business sponsor, Business Analyst, Developers.**
* Created System and Interface test plans and documentation of test cases and processes utilizing user and system requirements, interface specifications and design documents.
* Executed system/interface tests, established test analysis report after execution for several test drops.
* Worked with **Selenium, WebDriver and TestNG** to perform parallel testing.
* Carried out Cross Browser compatibility testing on different browsers like **Internet explorer, Firefox, Google Chrome, Safari and Opera**.
* Executed Selenium Synchronization of the scripts for Ajax web pages and application background processing.
* Automated the **Windows GUI** and general scripting utilizing **Auto IT.**
* Tested various scripts on several platforms and browsers simultaneously using the **Selenium Grid**.
* Built Regression suites and executed them after each build release of the application and updated the Scripts using **Selenium and TestNG.**
* As a QA Scrum Master, I was assisting my Senior Project Manager with the tasks such as **creating project plan, staffing and capacity planning, maintain contact with clients and parties involved through email and phone calls, answer questions and concerns, prepare presentations, and enter project data.**
* Involved in **Test planning, Test co-ordination** including external consultants from partners, test progress monitoring and message handling.
* **Have experience in JIRA and MS Visio to, plan, track, report issues and manage agile projects.**
* Lead the QA team in creating the **Test Objects, Test cases, Test Case execution** and generating Test Reports using in-house Test Management Tool.
* As a Scrum Master, have worked in **Task Definition and Assignment to team members** **and assessment of product readiness.**
* **Ensure Scrum methodology is followed from start to end of project.**
* Contributed in **Specification and Design reviews** with the developers and **communicate project risks from QA side if any.**
* **Worked with Product Owner in forming Scrum Team, ensure staff availability, creating Prioritized Product Backlog and create Task List.**
* Document issues and sort out issues faced by Scrum Team, and was the **QA responsible for sprint readiness.**
* **Ensure all projects are delivered on-time, meet deadlines, within estimated budget, and are developed according to project plan.**
* Work with change requests, **lead sprint Review meeting and Sprint Retrospect meetings.**
* **Document lessons learnt and coach the Scrum team about the Scrum practices.**
* **Support enhancement pack planning and steering for releases** **and coordination** with different teams like knowledge management, software logistics and development.
* Ensure the Test environment is ready for the Scrum Team and ensure the sprint deliverable is shippable at end of each sprint.
* Have been involved in the **analysis of the new features** and Change Requests and coordinated the activities of QM including **Test Monitoring and Test Management** with the Solution Managers and Development team.
* Responsible for **initiating Test planning activities, sending daily status report** to top management and **prepare any risk mitigation plans** in case there are any foreseen delays.
* Responsible to **conduct Status call meetings, Daily Standup Meetings** and reporting the **Test coverage and statistics to the management and met the deadlines on time.**
* Knowledge in usage of SAP BW Reports and Analysis, Business Partner and Organization concepts. Good experience in **customizing knowledge of SAP CRM** Test systems.
* Experience in **Framework Testing, Business Process testing, Customer Messages Testing, Accessibility Testing and Expert Testing and Smoke Testing.**
* Have mentored my junior colleagues and have **presented knowledge sharing sessions on Agile and Scrum methodologies and conducting lessons learnt and error analysis sessions.**

**Environment:** Java, Selenium WebDriver, Eclipse, Windows, SQL Server, HTML, XML, Firefox, XPath, CSS, J-Unit, TestNG, Jenkins, SOAP UI, JIRA, Agile/SCRUM, Maven, Cucumber/Gherkin.

**Quality Assurance Analyst**

**Manulife Investments, Toronto, ON Aug 2020 - Nov 2022**

**Project Summary: Implementation of Portfolio Reporting System for Manulife Investment Staff for accuracy and transparency of Portfolio Management for Customers.**

**Responsibilities:**

* Evaluation of **Functional Requirement** and review of **Business Requirement documents** with **BA.**
* Conducted daily **smoke Test** Manually on various browsers to perform **black box** and **white box testing.**
* Verified the functioning of application with different inputs as parameters using **Data Driven Framework** in **Selenium.**
* Presented test cases to business for peer review and corroborate integrity.
* Performed Regression Testing after each change and improvement utilizing **Selenium.**
* Used Dynamic Identifiers while testing different projects in **Selenium.**
* Used **Selenium** synchronization to solve time issues.
* Tracked the **Web Elements** using components such as **CSS, XPath expression, HTML id** and name.
* Responsible for **scaling** and **distributing scripts** using **Selenium** throughout different environments.
* Conducted defect logging and tracking with the **Rally.**
* Utilized the **Apache POI** to feed locators into the test script by reading data from external sources.
* Executed regression and functional testing using **TestNG annotations** like **Groups, parameters, Data Providers**.
* Worked with Google Chrome Developer tools to debug the **JavaScript & HTML code** and verified the APIs using Postman
* Documented and report the defects using bug-tracking system **JIRA**. Maintaining very good process documentation of any current or new processes.
* Performed End to End testing of the system including **GUI** and data entry on front end processing data to backend system through **REST API** and in turn delivering to the mobile app.
* Operated closely with the **development and design** teams to review and modify any new or altered product specifications.
* Responsible for testing **SOAP Web Services** using **Soap UI.**
* Performed **Cross Browser Testing** to test whether the web applications are working as per the requirements in various browsers and environments.
* Formed keyword or hybrid framework for **Functional Testing**.
* Fetched data from **MySQL database** by writing complex **SQL queries.**
* Assisted the user to perform **UAT** with **test cases** and **test data.**
* Performed End to End testing to maintain the business integrity on the Web based applications.
* Coordinated with **QA manager** and **QA Test Lead** about **Test status reports**, **Testing activities.**
* Maintained Business requirements, test scenarios, test cases and defects in **Rally.**
* Conducted meeting with the Stakeholders to provide them daily status and weekly progress.

**Environment**: Java, Selenium WebDriver, TestNG, Jenkins, Cucumber, SOAP UI, Agile, Maven, XPATH, XML, HTML, CSS, Eclipse, SQL, Windows.

**Quality Assurance Analyst**

**Freedom Mobile, Toronto, ON Jan 2018 to Aug 2020**

**Project Summary: *Freedom Mobile MyAccount Application will be enhanced to include* Pre-Authorized Payment, check account balances and view billing and payment history. The implementation will assist customers with a seamless set up and processing of Pre-Authorized Payments and also provide alerts on Payment and account balance. *Additional features included utilizing top up code to update balance and utilizing promotional codes at checkout during making period payments.***

**Responsibilities:**

* Performed multiple tasks as a **QA Analyst** such as maintaining the **Requirement Traceability Matrix (RTM)**, testing the applications, and working with agile **software development methodology.**
* Gathered the software requirements and specifications by analyzing **Business Requirements Document (BRD).**
* Carried out **testing lifecycle (Test Analysis, Test Planning, Test Execution, Defect Tracking)** throughout different stages of projects to improve the project efficiency.
* Designed the test plan considering the factors such as **test approaches, time, effort and cost of testing, test levels, cycles, and planning incident management** by acquiring resources.
* Performed **Authentication and Authorization** of user by validating the information given in **UI** with database.
* Participated in **JAD Sessions**, walkthrough, and inspection meetings to supervise the status of testing.
* Used **ALM (Application Lifecycle Management)** to create the test plan, test scripts and test cases to provide classified list of conditions under which the system will be tested.
* Verified the requirements and ensured the application workflow by conducting **Black box testing** like **smoke testing, functional testing, negative testing, positive testing, system testing, integration testing** and **performance testing.**
* Involved in the defect management process by identifying, replicating, and logging, escalating, documenting, categorized them on severity and resolving defects/issues of the application.
* Responsible for testing **SOAP Web Services** using **Soap UI**.
* Utilized Data Driven and Hybrid Frameworks to design Automation Framework in **SOAP UI** and **UFT.**
* Examined the data fetched from the data vendors **(XML& Flat files)** and mapped the filtered data source to the end source.
* On a daily basis, **performed GUI, functional, cross browser (Chrome, Safari, Firefox, Edge, IE, Opera) and Cross platform (Windows, Mac OS), UAT, boundary, smoke, regression and End-to-End tests**
* Identified numerous usability, functional and other software defects and reported them in **JIRA bug tracking system** supported with logs, screenshots and videos
* Executed **SQL queries** to verify application’s back end
* Trained and Inducted new joiners on the **functional, business, and technological** overview of the project
* Performed regression testing after modifications in project to make sure the project integrity.
* Conducted thorough validation of the backend/databases of all the applications using **SQL queries** in Oracle to ensure the correctness of data.
* Detected and documented all possible bugs present in database and collaborated with developers to fix all the problems.

**Environment:** WAS Admin Console, RSA7.0, Putty, Star Team, Beyond Compare, AWC tool, SOAP UI, J2EE, Webservices, and MySQL.

**EDUCATION**

Bachelor of technology in Electrical Engg. - Sep 2012-May 2015

(Punjab Technical University,India)

**References available upon request**