**VRUSHALI**

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**SUMMARY OF QUALIFICATIONS:**

* Over **15.6 years** of experience in automation and manual testing with **HP-ALM**, **Quality Center** and using automation testing tools like **Robot Framework2.8.7.0** with **Python**, **RIDE Editor** Ver **1.5.2.1**, **BDD**, **Selenium Web driver ver. 1.52** using **Java ver. 2.0**using interface **IntelliJ IDEA**, **Mobile** Automation using, **UFT 12.1 / QTP 11.0 / UFT 12.53 using ADODB Connection** validating with **XML** Utility / DOM Objects, **Test Partner / ITKO LISA, SOAP-UI,** using different testing methodologies such as **Waterfall** and **Agile**.
* Exclusively worked on Agile Methodology on Sprint Planning, Backlog Prioritization, Sprint Review, Retrospective meetings at beginning and end of sprint and daily Stand-up Meeting.
* Have worked on different facets of industry like Oil & Gas, Service, Auto, Health Care, Financial and Banking.
* Worked on various applications like **Policy Center Guidewire**, **SAP**, **SalesForce** & **Cross Currency Transaction**.
* Well versed in regression testing, functional testing, UI, end-to-end, integration testing, black box, backend testing, positive and negative testing, UAT, and installation testing
* Extensive experience writing high level test scenarios, test plans, test case development, test execution, executing SQL queries, preparing requirement traceability matrix and daily status report.
* Extensive knowledge and experience in all phases of application and Software Development Life Cycle (SDLC) including requirements, analysis and design, development testing and reporting, and Software Testing Life Cycle (STLC) and Software Automation Test Life Cycle.
* Co-coordinating in timely manner with Stakeholders, Business Analyst, Developers and Manual QA Testers.
* Anticipate Issues, Timeliness, Quickness, Initiative, Self-Motivated & Detailing Oriented.

**EDUCATION:**

* Master of Business Administration, Management, NMiMS (Narsee Monjee Institute of Management Studies)

**PROFESSIONAL EXPERIENCE:**

**International Code Council (ICC)**

**Sep 2019 – Till Date - Chicago, IL**

**Automation Lead**

The **International Code Council** (**ICC**) is a nonprofit association that provides a wide range of building safety solutions including product evaluation, accreditation, certification, codification, and training. It develops model codes and standards used worldwide to construct safe, sustainable, affordable, and resilient structures.

**Project:** Automation of CDP- Code Development Process, Premium Access

**Roles and Responsibilities:**

* Responsible for designing the strategy for deciding the Automation tool.
* Given High-Level Demo to Client to give over-view of Automation.
* Developing the test cases through automation framework using Robot Framework tool using Python 3.7 ver. and writing scripts on PyCharm interface.
* Work efficiently to build environment setup from scratch like setting up environment variable, developing scripts, execute scripts
* Responsible for automating projects like CDP, Premium Process (Correlation Tool), Shop/Stores, ES, IAS and ICC.
* Tracking the Defects found through Automation and login on Jira.
* Preparing Installation, Guideline steps documentation on confluence for others team for training and setup.
* Working closely with developers and project shakeholders for unit testing, system testing, integration testing.
* Created and configured jobs on Jenkins for running Automation scripts on daily basis for Multi-Projects.
* Work closely with Dev-Ops to integrate automation scripts with CICD-Pipeline.
* Configured Automation Projects on GIT for Version controlling.
* Due to technical compatibility of application, we started using **Selenium Web driver, Selenium Grid (Cross Browsing and Parallel Execution)** for **Premium Access / Shopping** Project using **IntelliJ interface**
* **Maven** tool was **used** to build and manage **Java**-based project.
* **IntelliJ** IDEA has in-built support for **Maven.**
* Have used **UI Automator Framework** with **Appium** for **Premium Access / Shopping** application

**Fast Model Sports**

**Dec 2018 – Sep 2018**

**Automation Lead - Chicago, IL**

**Fast Model sports**, built at heart of Chicago, provides game changing software solutions for **NBA**, **NCAA** and thousands of coaches around the world and solve real-world problems in the sports arena for sports like Basket ball, Foot Ball, & Rugby. It’s products are **Fastsout, Fast Recruit, Fast Identity, Fast Protect, Fast Draw** and **Fast Access**.

**Project: Automation of Products and Mobile Automation**

**Roles and Responsibilities:**

* Highly productive individual contributor in a 15 agile scrum team
* Responsible for working simultaneously with different scrum team for different products.
* Developing the test cases through automation framework using Robot Framework tool using Python 3.7 ver. and writing scripts on PyCharm interface.
* Responsible for Mobile automation for both IOS and Android using actual device also on simulator and emulators.
* Work efficiently to build environment setup from scratch like setting up environment variable, install JDK, XCODE, **Appium** Server, Android Studio, using XCUITEST framework for **ios** application and using **Appium** library integrating environment setup with Robot Framework on MAC Operating system Mojave.
* Responsible for automating projects so far Fast Scout, Fast Access on Web and Mobile Integration between Web and Mobile for Message system.
* Execution of the test cases and track defect to resolution lifecycle in Jira tool.
* Created and configured jobs on Jenkins for running Automation scripts on daily basis.
* Responsible for preparing Documentation on confluence that is relevant to our job.
* Working closely with developers and project shakeholders for unit testing, system testing, integration testing
* Worked on Blaze Meter installation and configuration for Load and Performance Testing.

Relevant Project Experience:

**Company : Trans Union LLC June 2018 – Nov 2018**

**Test Lead Chicago, IL**

The TransUnion Database contains more than 200 million files, which profile nearly every credit-active consumer in the United States. CRS is the system used within TransUnion to provide Credit Report Services to its consumers. This includes requests for Disclosures and Scores (via mail, fax, IVR, Internet etc.

**Roles and Responsibilities: Fraud and Identity Protection**

* Highly productive individual contributor in a 5-6-member agile scrum team
* Author of test plans and test cases inside HP ALM
* Execution of the test cases and track defect to resolution lifecycle in HP ALM and CA Agile Central (formerly Rally)
* Disciplined about logging defects as soon as it is discovered
* Working closely with developers and project shakeholders for unit testing, system testing, integration testing
* Querying to granular transaction querying with the help of Oracle RDBMS
* RESTful & Stateless Web Services testing with **XML/JSON** tools like **SOAPUI**, postman, or similar
* Creating Automation of regression and performance testing using HP Load Runner or **Jmeter**
* Scripting with **Groovy** using Advance SOAP UI
* Defect Listing, Aggregation, Trends, Catch Rates Reporting
* Meeting facilitations around root cause analysis
* Presentations with PowerPoint about the POC
* Should perform Risk analysis with the feature release management tools (**Agile Central, Rally, JIRA** or similar)
* Should Data research be using Oracle SQL (TOAD or Squirrel or similar)
* Collaborate & communicate with Client application teams QA folks
* High level understanding of micro services architecture
* Analysis of API management (URL redirections, load balancing) and implement in the testing framework
* Analysis of **Swagger** API Specs
* Analysis of business Rules (Drools or similar)
* Analysis of logical data models (ER diagrams, Visio or similar)

**Pacific Life Insurance**

**May 2017 – May 2018**

**Automation Lead - Lynchburg, VA**

**Roles and Responsibilities**: -

* This Project is on Migrating from **QTP** to **Robot Framework automation tool.** Different applications have been automated for this project and the applications are **Genius**, **Seagull**, **Rating Tools** and **Producer Bay** with **Desktop automation** using **Auto IT Library**.
* Ms. Vrushali A was responsible for automating both **Front-end** and **Backend** application using **Robot Automation Framework(Open-source tool)**with **ver.2.7.13.0**with installation setup from inception on different local and Remote Desktop machines for the team, anticipate issues, resolving queries, **developing, and executing scripts**, coordinating with **Robot Advance Forums Team** for showstoppers. **Data-Driven approach** is used using different **Robot Framework external and Internal Libraries (Excel Library, Update XLS, FakerLibrary)**.
* **Test Results** are written to excel spreadsheet with **customize read and write function** in Robot Framework. **Weekly Demo** given to client on weekly basis to track the **progress of work**. Co-ordination with off-shore Team to ensure Project deadlines are met and required dry-runs and regression are running fine for clean cases where policy numbers are created for further business needs, and to run entire **Regression lite** and **full-Blown regression**.
* The Genius application is validating the policy number from indexing the documents until policy number is issued and enforced. **LAB MIB Utility** is where **UI-Ordering** is done from **Front-End** application and entry is created in **Temp Database**.
* Back-End Testing done using **Robot Framework Database Keywords** It goes through various statuses from pending, received, and dropped and when status is dropped, then the file is dropped on SIPS location.
* Also responsible for automating 4 Rating Tools like **Vital Term**, **Life Pipe**, **Compu Life** and **IXN** used term price quotation.

**Mettler Toledo Limited, Columbus, OH Sep’16 – May’ 17**

**Manual / Automation Tester**

**Roles and Responsibilities –**

* Ms. Vrushali A. was responsible for **Back End Testing** using **ETL Tool** validating Certificates attributes manually from **XML File** against **Service Reporting Database**
* Tables using **Microsoft SQL Server Management Studio** by writing complex **queries**. Jobs are run using **SQL Server Agent** which automatically transfers **XML Files** from **Source Folder** to **Success Folder** and **XML with Errors** will sit back in **Errors Folders** and Service Reporting
* Database is updated with different Tables Values in SR Database. **Technician Dashboard** and **Miracal Plus** is web-based application for creating **Certificates** for Negative Tests and PDF and XML Report is generated from that application.
* Responsible for writing **Test Plan**, **High Level Test Scenarios**, Designing **Manual Test Cases** and **Test Execution** for Rules Engine for **End-To-End Workflow** for Negative scenarios using **HP-ALM Test Management Tool** and for tracking and logging Defects.
* Completed successfully Report Testing for Rules Engine which covers 2 types of Reports – **Vehicle Scale (VSC)** and **OIML Vehicle Scale (OVSC).**
* Work exclusively on Automation Testing using **UFT tool ver. 12.53. t**ranslating manual test cases into Automation Test Scripts using **ADOBD Connection** and **XML DOM Objects** using **Node Path methods** using Excel spreadsheet for data.
* **Data-Driven Framework** is used for this project. Worked on **SOAP-UI** to get end points and putting the **xml request** and to get the **xml-response** for different environments.

**ACC Wave 6 Project (QA): -**

**Roles and Responsibilities - Selenium Automation Tester**

**Automation Tools:** Selenium Webdriver, Selenium Grid, AutoIT.

* Analyzed Business Requirements and functional documents, built the testing strategy document, that defines the test environment and different phases of testing.
* Conducted **system** and **integration testing**, debugged the software errors, and interacted with developers to resolve technical issues.
* Involved in design and development of keyword-driven automation framework using Selenium Webdriver
* Create Automation Test Scripts. In Java
* Execution of test scripts using TestNG.
* Planning for Test Execution activities to accomplish tasks on daily/weekly basis

**State of OH - Legislative Information System, Columbus, OH Aug’15 – Aug'16**

**Automation Lead**

**Roles and Responsibilities –**

* Ms. Vrushali A. was responsible for understanding complete Automation life cycle, Business flow & Framework design.
* **Assignment Tracking System** is web-based application where requestor requests to make changes to the draft and draft is assigned to the drafter for making changes in the Bill for section or amendment of bill which can be passed later through house or senate. Responsible for integrating with **Robot Framework**, test script development, script enhancement, test execution, preparing test data, defect tracking. Automation Test is carried on different environments like Dev, Stage, QA and UAT (Mimic of Production).
* The automation testing is mainly for **Behavior Driven Development (BDD)** for **Acceptance Testing** and **Acceptance Development Driven Testing (ADDT)** which involves coverage of testing like regression testing, smoke testing, end-to-end, integration and performance.

Tools Used: **Robot Framework 2.8.7.0** with **Python (pypi)** which is hosted on **Github** Server with **RIDE Editor ver 1.5.2.1** importing **Selenium, Collections, Excel and String Libraries**, **RIDE** uses its own **Keywords** for **Test Enhancements** after importing the libraries. **Test Execution** is carried on **Pybot**. Data Driven and Keyword Driven **Framework** is used for translating test cases into test scripts embedding into BDD framework. Installation is done using **pip**. **Tortoise SVN,** the defect tracking tool is **JIRA**, Methodology: **Agile**

**Toyota Financial Services, Torrance, CA Jan’15 – Aug’15**

**Quality Assurance Automation Lead**

**Roles and Responsibilities –**

* Ms. Vrushali A. was responsible for testing data migration from **Siebel** to **SalesForce** on various environments.
* **SalesForce** is a Web based application that has various modules like **Collections Console, Knowledge Management and EMS** and need to understand **(BRD),** Technical Design document, and Manual Test cases for executing pilot project for automating.
* Responsible for having direct interaction with clients and handling Off-shore Model (Cognizant Team – Kolkata – India) - coordinating with off-shore team, handling issues, resolving, training them and giving quick solutions to off-shore team.
* Responsible for preparing Automation Test Plan anticipating risk and assumptions, Estimates Efforts and sending Weekly Status Report on weekly basis to gauge the progress of the project.
* Preparing PPT Presentation and delivering Demo to higher Managers / stake holders for running Automation Regression suite and load Test Results and involved in defects analysis that were captured during the automation process.

**Tools Used:** Selenium with Java ver 1.6 using Web driver ver.1.52, using TestNG, Selenium Grid, Continuous Integration using Jenkins, UFT version 12.1, VB Scripting, ALM - QC 11.5 (test management tool) using BPT Framework **/** Descriptive Programing (No OR) used for test cases and defect tracking, TFS (Team Foundation Server), Methodology: Rational Team Concert using Agile Method, Application: Sales Force, Ad hoc query tool used to handle complex query to check Database backend value.

**JPMorgan Chase, Dublin, OH Jan’14 – Dec’14**

**Selenium Automation Tester**

**Roles and Responsibilities –** Ms. Vrushali A. was responsible for testing **Data Migration** on various environment like DEV, UAT, QA and PROD under critical circumstances. Information One Central is a web-based application that contains multiple tools that schema owners can use to manage policies (**PI policies**). Understanding training document, **(BRD)** and design document and functional document for Information One Central application. Assume responsibility for examining, running, and executing test cases and finding gaps inside it. Identify test cases for automation for regression testing. Interact with Relationship Manager and Project Manager for time and resource efforts required to complete automation testing. Interact with off-shore team (Cognizant Team – Hyderabad - India) to get better understanding of application and business flow.

* Core Java programming skills using Eclipse as IDE. Wrote automated testing code in Selenium or **Web Driver** using **Eclipse IDE** for functional testing including AJAX-enabled applications. Used TestNG and Junit for testing framework. Implemented the script deployment in **TestNG** framework through command line.
* Used **Chrome Driver**, **IEDriver Server** to create cross browser automated tests in Selenium using Web Driver interface.
* Experience testing web-based technologies and desktop applications. Extensively used **XPATH**.

**Tools Used :** Selenium Java Webdriver, SharePoint, TFS (Team Foundation Server), Control-M, monitoring and scheduling tool for running daily, weekly, and yearly batches and PUTTY Rel. 0.62 for running stored procedures or batches on UNIX platform. TOAD version 10.6 is used to connect to different instances of database and executing SQL queries for validating data with Information Once Central Screen. Application: Information One Central, Methodology: Waterfall

**Western Union Business Solutions, Washington, DC May’13 – Dec’13**

**Selenium Automation Tester**

**Roles and Responsibilities –** Ms. Vrushali A. was responsible involving from Feasibility Stage, interacting with Project Manager to provide estimates about QA Resources, Project Schedules, and deadlines of QA Testing on various environments, understanding scope of testing, writing high level complex test scenarios, and worked exclusively with off-shore team model, worked on production defect and delegating job to off-shore team. Identifying various phases and types of testing aligning with Time Frame, 24/7 Production Support, Preparing Requirement Traceability Matrix and Preparing Test Matrix &Sending Daily Status Report.

* Used functional and object driven approach for designing selenium scripts using **Selenium Web driver** using **Eclipse Platform** using **Java** Language.
* Worked through all cycle of test specification to test deployment for pre- and post-release usage like monitoring and functional tests.
* Continuous tweaking done to QA framework to include continuous integration, smart wait functions, drag-drop, etc. functionality compatible for different browsers.
* Worked in continuous integration environment. Familiar with **Jenkins**, **Maven** &**Selenium Grid**.
* Used functional and object driven approach for designing selenium scripts using **Selenium Web driver** using **Eclipse Platform** using **Java** Language.
* Worked through all cycle of test specification to test deployment for pre- and post-release usage like monitoring and functional tests.
* Continuous tweaking done to QA framework to include continuous integration, smart wait functions, drag-drop, etc. functionality compatible for different browsers.
* Worked in continuous integration environment. Familiar with **Jenkins**, **Maven** &**Selenium Grid**.

**Tools Used** –**Selenium** with **Java**, **Test NG**, **QC (Quality Center**) 11.0 for (Test Management Tool), &**JIRA** - Defect Tracking Tool, **Share Point**, Application Used – Global Transaction, Global Pay, Testing Methodology - **Agile.**

**Caterpillar Financial Services, Nashville, TN Nov’11 – May’13**

**Automation Test Engineer**

**Roles and Responsibilities –** Ms. Vrushali A. was for understanding complete automation test cycle planning, like gathering BRD, test design, test cases, test planning. Made decisions about object repository and automation framework, test script development, script enhancement like parameterization, regular expression, descriptive programing, test execution, defect tracking, reports and test results. Testing covered for regression testing and sending daily status report.

**Tools Used:UFT ver. 12.0**, **QTP 11.0** (automation tool), VB Scripting, QC (Quality Center) 11.0 for (test management tool) and (defect tracking tool), application used was Unison (Lease and Loan Application), automation framework, Business Process Testing (BPT). Framework: releases and patch upgrades, testing methodology was Waterfall

**American Family Insurance, Madison, WI Apr’11 – Oct’11**

**Automation Test Engineer**

**Roles and Responsibilities –**

* Ms. Vrushali A. was for understanding complete automation test cycle planning, like gathering BRD, test design, test cases, test planning.
* Made decisions about object repository and automation framework, test script development, script enhancement like parameterization, regular expression, descriptive programing, test execution, defect tracking, reports, and test results.
* Assumed responsibility for attending Scrum and stand meeting, retrospective meetings, completing sprint task for that release and sending **daily status report**.
* **Rally** tool was used to describe user stories and tasks were broken down with Time estimate and hours were burn down as I progressed with the task for that sprint.
* **Jira** tool was used for tracking defects. Actively participated in **stand-meeting** to discuss issues with application, progress of Tasks allotted and tasks going to be completed for that sprint.
* **Advance-Rate Project for Auto / Property:** -

The Project was to arrive at premium value using Rate-Algorithm using various factors like **Bodily Injury**, **Property Damage**, **Collision** using **Work-Factor worksheet** and order of Rating for different **states**. This Rate Algorithm was meant for Functional Testing. For Functional-Integration Testing and Premium Verification Testing, need to create different policies through **Policy Center Guideware (GWPC)** application for different states and rules applied to different states for discount, endorsement, and adjustments. Before binding the policy need to capture **XML Request** and **XML Response** at **operator level** and **vehicle level** and to capture information based on accidents, violations, and losses. Same concept will apply for Property Insurance for policy types like Homeowners, condominiums, and manufactured condominiums. Upload **XML Request** in **SOAP-UI** on certain environments to send request to **Rate Service** and get the **response** from **Rate Engine**

**Tools Used: Jira**, **TFS** for Defect Management, Daily Status Report, Weekly Status Report, Automation Tool like Test Partner, ITKO-LISA, JavaScript. Rally. Methodology used - Agile

**Tools Used :** Micro Focus, Test Partner (automation tool), ITKO Lisa and now **CA-Dev Test** using Codeless UI Recording and Testing & Web 2.0, VB Scripting, QC (Quality Center) 11.0 for (test management tool), JIRA (defect tracking tool). Application Used: policy, billing, automation framework. Hybrid framework, RALLY. Understand user stories, burn down hours. Testing Methodology: Agile, **SOAP-UI** for Rate Services and Rate-Engine for Web-Service Testing using **Java Script** / **Type Script**.

**CARE FUSION - Health Care**, **San Diego, CA Apr’10 – Mar’11**

**SAP Automation / Manual Tester Roles and Responsibilities –** Ms. Vrushali A. was responsible for testing various SAP modules / Components like SD, FI, KM, understanding various T-codes for SAP SD Flow - **VA01** (Sales Order), **VL0lN** (Outbound Delivery), **VT01** (Shipment), Packing, **VF01**(Billing) and checking Customer Data **(XD02)**, Writing, and executing complex Test Cases and Converting to Automation Testing for Test Execution, Sending Daily Status Report.

**Tools Used**– **QTP** 11.0 (Automation Tool) / **VB Scripting**, **QC (Quality Center)** 11.0 - For (Test Management Tool) & (Defect Tracking Tool), Upgrade Project - **DTI and GRAPPA ECC 6.0 SAP Testing**.

**Ulta Beauty Inc., Boling Brook, IL Mar’09 – Mar’10**

**Quality Assurance, SAP Automation and Manual Tester**

**Roles and Responsibilities: -**

* Ms. Vrushali A. was responsibility for understanding testing **SAP SD** module on to understand replenishment planning to identify out-of-stock Web quantities, sales order creation, demand fore casting based on past Alternative Historical Data **(AHD)** and deleting sales order.
* Worked on functional, integration and end-to-end testing and its impact on other SAP modules, preparing requirement traceability matrix, test matrix, executing SQL queries to check data on backend. This includes automation and manual testing, sending daily status report.

**Tools Used:** QTP 11.0 (automation tool), VB Scripting, QC (Quality Center) 11.0 for (test management tool) and (defect tracking tool), SAP. Application used: SD, MM, validation of data backend, Oracle database

**Reliance Industries LTD, Mumbai, India Aug’06 – Dec’08**

**Quality Assurance Analyst, SAP Tester**

**Roles and Responsibilities: -0**

* Ms. Vrushali A. was responsible for testing delay time, load, unload and compared it with actual and expected. Tested HM project for collection of blood samples, segregate according to blood group and test goods receipts with quality inspection and the scrap material with movement’s type 901 in SAP application.
* Worked on high level test plans and test scenarios, contribution to team on test strategies, performed Black Box, functional, backend testing, positive and negative testing UAT and regression testing.

**SAP Application Used:** Transport Management System, Reliance Life Science, Hospital HN

**Tata International LTD, Mumbai, India Sep’05 – Aug’06**

**Quality Assurance Analyst, SAP Tester**

**SAP Application Used:** Upgrade Project – Rafter

* **Roles and Responsibilities: -** Ms. Vrushali A. was responsible for testing software upgrades in SAP from version SAP 4.7c to ECC 6.0.
* Wrote high level test plan and implemented testing strategy, written, and executed test cases manually for verifying if other SAP modules are not impacted by upgrades.
* Assumed responsibility for regression testing, functional testing, integration testing, unit testing, Black Box testing, end-to-end testing and UAT testing, preparing test data for positive and negative scenarios.