

# VIRAT KHATRI

Ph: (732) 876-9496

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## Summary

- ISTQB – Certified Foundation Level
  - 7+ years of QA testing experience for projects around Web based application, TSYS/TS2 and Mobile NativeApp. Over 6 plus years of industry experience in Quality Engineering and Automation testing
  - The focus has been in automation testing using various industry standard automation tools including Selenium, Appium, SoapUI, QTP/ UFT.
  - Strong knowledge of SDLC, STLC and QA methodologies - Extensive experience in Automation Frameworks like Quantum, Cucumber, TestNG, Junit, ETL Testing & Big Data tools
  - Experience in designing and developing data driven, keyword, test driven, behavior and hybrid automation frameworks
  - Experience in automation of wide range of applications like PEGA, Web applications, SaaS, Client Server, OMS, SAP, Salesforce CRM applications
  - Strong knowledge of SOAP, REST web services automation testing using SoapUI & Postman
  - Preparation and configuration of test automation lab and environments
  - Strong experience of build management tools Jenkins, Maven, Ant and continuous integration of automation suites
  - Proficient in project estimation, project scheduling and resource allocation
  - Excellent skill in finding bugs and defect management using bug tracking tools – Clear Quest, Quality Center/ALM, JIRA, Bugzilla etc.
  - Strong experience in Waterfall, Agile and DevOps development life cycle
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## Professional Experience

**FORDDIRECT**

Sr. Automation Engineer

August 2020 – Present

Description:

- Project – Automobile Dealer Advertisement

Responsibilities:

- Validating integration of Web Analytics tools including Google Analytics and Tag manager, Adobe Launch, Facebook pixels.
- Preparing automation test scripts using Selenium, Java using test frameworks including testNG, JUnit and Cucumber -BDD.
- Developing custom test frameworks as per project and application needs.
- Integration of Continuous Testing with DevSecOps process, configuring Jenkins for scheduling test jobs.
- Experience in Manual Testing and good hold on SDLC, Agile and STLC.
- Expertise in JIRA, TestRail, Rally and HP QC as test management tool and to track Bug Life Cycle.
- Work closely with stakeholders and development team for Requirement Analysis and Defect Analysis.
- Good experience in reviewing of Functional Test Specifications and System Test Specifications.
- Experience in Functional Test Case Design, Test execution and Defect Management.
- Expertise in Identifying the Issues and good judgment and communication skills for Reporting and prioritizing software bugs.
- Good exposure in requirement understanding and analyzing, Test Planning and Test Strategy making.
- Having good exposure in Client handling.

Environment: Java, Selenium, Chrome, Firefox, Internet Explorer, Windows 10, Jira, Confluence, git, GitHub, BitBucket, Jenkins, Artifactory, Eclipse, frog artifactory, Soap UI, SQL Developer, Unix.

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## TANGERINE BANK

Sr. Software Automation Engineer

August 2019 – July 2020

### Description:

- Project – Line of Credit & Personal Loan Product launch
- Cloud Online Banking – Tangerine has introduced Line of Credit (LOC) & Personal Loan products online for their consumers.

### Responsibilities:

- Created automation scripts Selenium/Java/BDD/cucumber for visitor and client's applications for LOC & Personal Loan
- Handled very dynamic in nature's components with XPath axis in Protractor.
- Created complex SQL queries with sub-queries and union in order to validate the data.
- Developed Test Design for the in-sprints stories to achieve detailed test coverage and also created Test Data using CA TDM.
- Prepared the test scripts for the desktop components using Selenium/AutoIT/Java.
- Performed the white box testing along with developer peer in order to review early defects in the agile project.
- Worked with online banking accessibility testing with AODA (Accessibility for Ontarians with Disabilities Act).
- Attended agile Kanban/scrum project methodology such as daily standup, sprint planning, retrospective meetings.
- Developed automation for SOAP/REST API using Postman & Rest Assured testing framework.
- Actively participated in the automation framework (jsbot) redesign to satisfy the complete dynamic architecture.
- Created test scripts for Google Analytics and Salesforce platform for analytics team
- Developed the test scripts for the performance testing, load testing using Load Runner.
- Created test scripts for Mobile App (Hybrid/Native) using perfecto tools in Appium automation framework.
- Worked with DevOps & CICD Jenkins to validate the automation scripts on AWS cloud native environments.
- Continuously worked on distributed version control system such as git for merging scripts branch to master

Environment: Java, AngularJS, Protractor, Selenium, JavaScript, Perfecto, iOS, Android, Chrome, Firefox, Internet Explorer, Windows 10, Jira, Confluence, git, GitHub, BitBucket, Jenkins, Artifactory, docker, Kubernetes, helm, Splunk, VS Code, eclipse, Soap UI, SQL Developer, Unix.

## TD Bank

Senior QA Engineer/QA Lead

March 2018 – July 2019

### Description:

- Project – RESL HOJ Funding
- Salesforce Application (SFDC)- TD Bank has initiated innovative steps to migrate PEGA application to Salesforce CRM application for Mortgage & Home Equity Line of Credit products.

### Responsibilities:

- Created automation scripts in Selenium WebDriver – BDD/Quatum/Cucumber Framework in Java for initiating HELOC/MTG application
- Understand the scope for Functional/Regression for creating automation scripts for current & future releases
- Created script-less automation using Selenium IDE for Salesforce lightning components.
- Develop Test case, Test Plan, and Test case implementation, testing and validating the Azure cloud-based Salesforce product.
- Contributed to expand UI automation framework using Selenium WebDriver/Java for SFDC.
- Created testcase from the white-box testing at source code level and also created static defects.
- Preparation of E2E Test Design, Test Cases based on ETL Specification Document, Use Cases, Low Level Design document.
- Worked closely within agile team including Scrum Master, Product Owner, Developer, QA and Business stakeholders.
- Attended all Agile ceremonies such as Backlog Grooming, Daily Standup, Daily Defect Triage & Retrospective meeting

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- Lead E2E Mortgage processing application which includes the testing of accessibility with Web Content Accessibility Guidelines (WCAG) and also Job Access with Speech screen reader (JAWS).
- Performed extensive work with ETL testing including Data Completeness, Data Transformation & Data Quality for various data feeds coming from source.
- Created Test Data using CA Test Data Manager (Datamaker) tools for complete E2E SIT Test Execution.
- Automation of webservices SOAP/REST with support of Postman and Parasoft SOA.
- Developed and executed automated and manual test plans, test cases and also maintained the data using CA TDM Datamaker.
- Identified web elements using various property locators such as id, Name, className, LinkText, cssSelector, Xpath.
- Cross Browser/Platform Testing, Desktop/Mobile Platform (iOS, Android) using Appium automation framework.
- Responsible for upgrade, localization, sandbox, regression, functional and performance types of testing.
- Validated server logs using shell scripts in UNIX/LINUX environment.
- Developed test plans and test cases for a wide variety of software components and reported software defects and deficiencies using JIRA bug tracking system.

Environment: Salesforce CRM application, JAVA, Jira, MQ Client, Selenium Webdriver, Quantum-Cucumber Framework, Cucumber, BitBucket, Jenkins, Eclipse, Confluence, Chrome 62.0, GitHub, Android 7.0, JSON, DB2, Unix, Splunk, Oracle 11g, MSSQL, IE 8 and IE10, XML Beans, Windows 7

Scotiabank

Senior QA Automation Engineer/Test Architect

June 2017 – March 2018

Description:

- e-Signature for branch operations (web app)
- CCP (Cash Consolidated Plan) & MMS (Money management System) for everyday banking operations (Web based application)
- OMS (Order Management System)

Responsibilities:

- Involving in Test architect Web Automation Environment setup using Eclipse, ANT, selenium WebDriver jars, TestNG, Quantum-Cucumber Framework
- Creating Page Object model for CCP & MMS (Web based application) in Selenium Quantum framework
- Developing automation scripts with help of JAVA for Functional & Regression packages
- Preparing Defect report as per severity and priority Active participation in Bug triage meetings.
- Developing continuous integration environment to run automated test suites for quality checks using tools like BitBucket, Git and Selenium webdriver.
- Automated Soap/Rest API using groovy scripting in SoapUI Pro.
- Developed the REST automation framework using REST Assured/Java/BDD/Cucumber for E2E web API testing.
- Creating test scenario using Given/When/Then/And BDD statements in Quantum-Cucumber feature files
- Integrating projects with Extent Report with Selenium Quantum Framework
- Setting up BitBucket/Git repository for CCP & MMS automation scripts

Environment: JAVA, Jira, MQ Client, QTest, Selenium Webdriver, Quantum-Cucumber Framework, Jenkins, BitBucket, Chrome 62.0, GitHub, Android 7.0, JSON, DB2, Unix, SQL Server 2005/2008, Confluence, IE 8 and IE10, XML Beans, Windows XP, Windows 7

BMO Bank

Sr. Test Engineer

Apr 2016 – May 2017

Description:

- Project: (ZAFIN/BMO)

Responsibilities:

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- Leading the offshore automation team, assigning tasks, reviewing their deliverable and monitoring all their automation related tasks till completion
- Publishing automation development reports, execution reports with TEST NG framework and Selenium Webdriver/Selenium Grid.
- Preparing test data, test environments and regression suites
- Write Complex SQL queries in Toad to find out the database for miRevenue
- Analyzed and created testing strategies and wrote BDD style stories based on requirements
- Developed automation UI test suits using Selenium web driver, Junit and Java language to create test features, steps object, page objects and utility library in Serenity automation testing framework
- Performed data migration testing for multiple billing system converted in to miRevenue.
- Executed front-end tests to verify data were correctly saved and loaded.
- Created E2E Test Design, functional test cases for pricing, billing modules for miRevenue.
- Using JIRA to create manual and automation test cases and execute tests for each story.
- Logged defects and opened bug tickets using JIRA
- Worked closely within a scrum team to evangelize an emphasis on quality
- Attended daily Agile-scrum standby meeting, and sprint summary meetings.

Environment: JAVA, Oracle SQL, MQ Client, QTest, Selenium Webdriver, TeamCity, JSON, Confluence, Jenkins, git, Github, BitBucket, Unix, Java, Toad, Jira, MSSQL, IE 8 and IE10, XML Beans, Windows XP, Windows 7

CIBC Bank  
QA Automation Engineer

June 2014 – March 2016

## Description:

- TSYS TS2 is an application which acts as the backbone for the credit card processing. TS2 is a credit card processing platform to maintain and process credit card and card holder's information such as Customer Record and Account Record.

## Responsibilities:

- Creating test strategies and test plans for automation testing for various modules of the Web UI system and Mobile application.
- Developing Mobile automation framework in Appium and automating manual tests
- Actively involved in to TSYS TRAIID strategies for annual pricing projects
- Worked on TSYS loyalty rewards and statements projects to give cash back on gas and grocery purchases.
- Worked closely with business team to identify solutions requirements for options management such as Fraud, Loyalty rewards, adjustments and POS Merchant Solutions.
- Prepared scripts for Selenium/BDD to run automation on web UI such as Chordiant, Capstone.
- Developed E2E Test Design, Test Plan and Test Cases based up on the Requirement document.
- Upload the Test Cases in HP ALM and Execute the Test cases in HP ALM.
- Pre-Conditioning the accounts through TSYS to meet the requirements based on the objective of the test cases.
- Validate the Card holder's Information, Links, Chordiant Operation Screens and Composite screens and also in Mainframe host system.
- Responsible in data pre-conditioning of accounts using POS merchant solutions application for the entire team members to be used during test execution.
- Performed ETL (Extract, Transfer & Load) process with Data Warehousing life cycle with BIG DATA tools such as Hadoop, Hive & Casaandra.
- Extensively used SQL queries for data validation and backend testing.
- Write Complex SQL queries in Toad to find out the database for Capstone UI
- Performed Functional Front-End testing and End to End testing to ensure the stability of the application.
- Performed Data validation through TSYS/TS2 to ensure that any activities performed in front-end application has been reflected, captured and stored in Database.
- Provide Daily Execution reports and weekly status reports to higher management regarding project status.

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- Log Defects in HP ALM Defect modules and communicate with developers until bug is fixed and closed.
- Developed Test Exit Report and attend the walkthrough Meeting for Approval and Signoff.

Environment: Chordiant foundation server (CFS 6.6), Chordiant Decision Management (CDM 6.6), Cucumber, BitBucket, MQ Client. Unix, Java, TSYS Emulator Attachmate 11.0, DB2, Git, GitHub, HP ALM 11.52, Confluence, Oracle 11g, Toad, Jira, SQL Server 2005/2008, MS Access, MSSQL, IE 8 and IE10, XML Beans, Windows XP, Windows 7,

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## Education

Certified Tester Foundation Level (CTFL – ISTQB)  
Diploma in Software Engineering Technician  
Bachelor of Pharmacy