

# VIKAS KUMAR, QA AUTOMATION ANALYST

London, ON

Phone: 1-226-978-9697

E-mail: vkvikaskumar447@gmail.com

## PROFILE SNAPSHOT

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- ◆ **6+ years** of experience as an QA Automation & Manual Analyst with diversified technical knowledge in Software principles, system analysis, design, development, documentation, QA Procedures and Methodologies
- ◆ Knowledge of Software Development Life Cycle (**SDLC**) including **Agile**, Rational Unified Process and Waterfall Methodology
- ◆ Experience in writing Selenium Java Scripts with TestNG, Cucumber(with Serenity BDD) and Maven Framework
- ◆ Developing, trouble shooting and customizing Manual as well as Automation scripts using Selenium WebDriver and Serenity Screenplay Libraries
- ◆ Knowledge & awareness of Modern technologies like Cloud platforms(AWS, GC) and GenAI including LLMs.
- ◆ Possess good exposure to Continuous Integration / Continuous Delivery process/set ups (CI/CD)
- ◆ Experienced with Test Documentation (Test Case, Test Data, Test Scenario, Defect Report, and Test Metrics)
- ◆ Performed SOA testing, Web Services, WSDL, XML, XML Schema, RestAPI, SoapUI and good Knowledge of SOAP Scope & SOAPUI for Web Services functional testing
- ◆ Proven expertise in defect management tools like HP QC / ALM and **JIRA** (xRay)
- ◆ Excellent understanding of SDLC in Development/ Enhancement and Maintenance of software application
- ◆ Agile development process using practices from Scrum
- ◆ Strong knowledge on SQL to conduct Database Testing
- ◆ Dedicated and conscientious work ethic, able to work independently or as in a team environment
- ◆ Above all I work with a Passion to learn and apply. Always ready to take on new cutting technologies and use them for continuous improvement of quality and efficiency.

### Technical Skills:

#### ISTQB ® CERTIFIED TESTER

**DATA BASE:** ORACLE, MS SQL, MongoDB

**TOOLS:** QC / ALM, JIRA, Soap UI, Selenium, TestNG, Maven, Jenkins, Gradle, Rest full API , Web services, AWS, Docker

**LANGUAGES:** Java, HTML, XML, SQL, Python

**TESTING TYPES:** Manual, Automation, Black Box, White Box, Unit, Integration, System, Sanity, End to End, compatibility, Security Testing, Smoke, Sanity, Cross platform, GUI, Functional, Regression, Exploratory, Validation, Usability, Acceptance, Stress, Load, Web and Mobile

Interdepartmental Communications expertise, Multitasking, Time Management, Interpersonal Communication, Problem Solving/Team Building

Currently aiming to develop and apply ServiceNow expertise in Business systems, also learning LLMs SaaS, AI fundamentals and its use cases in Business system operations and maintenance.

## WORK EXPERIENCE

JD POWER & ASSOCIATES

QA AUTOMATION ANALYST

MARCH 2022 - PRESENT

- Working in an Agile SDLC environment and collaborating with technical stakeholders to create detailed work package estimates of data heavy consumer intelligence analysis products.
- Developing a detailed technical understanding of client needs and project requirements as the product grows.
- Proposed and introduced documents & processes to improve Quality and scale productivity of team. Measured the improvement of teams efficiency and work quality over a year using Tshirt sizing and JIRA tracking, got a result of proven betterment of 35%.
- Working with Solution Analysts to review and provide feedback for Software Requirements Specifications in different Review sessions
- Leading contribution to Software Test Plans to define the scope, objective, and approach of testing activities.
- Develop and execute integration, system, and acceptance level automated tests to verify requirements.
- Create and review software testing defect, progress, and summary reports.
- Contribute to the investigation and triage of software defects for assigned projects.
- Working with cutting edge test automation tools like Serenity BDD framework with cucumber, Selenium, Postman for API testing, AWS and Docker to deliver CI/CD solutions like scalability and robustness using modern cloud technologies.
- Experience with version control software Git, build tool Maven & Gradle.
- Familiarity with relational and non-relational database design
- Excellent presentation skills with the ability to communicate at all levels of an organization.
- Superior analytical and problem-solving skills
- Leading and guiding QA Practices.

Client: CGI

AUTOMATION TESTER

APR 2021 - FEB 2022

- Involve in planning, development & execution for Test Scenarios, Test Cases and Test Scripts for automation and manual testing as per system requirement documents
- Define architecture, design, and implementation of Test Automation Framework
- Create Automation framework using JAVA, Selenium Web driver, JUNIT and Maven using BDD (Cucumber- Java- Selenium) Framework
- Set up Automation Test Environment for multiple application platforms such as Web, iOS, Android Set up Smoke test suites, Regression suites in Jenkins Continuous Integration
- Establish automation test coverage strategy that aligns with the product design and covers the entire software development life cycle
- Design, build, and execute Web and API test scripts by translating manual regression test cases into automated test scripts
- Creating test plans and test cases based on software specifications, performance and regression requirements Integrate the test automation plan with existing frameworks

- Experience in version control systems like GitHub for source code maintenance
- Test web and mobile based applications on different operating systems such as Windows, Mac Validate all send requests and receive responses from Web Services (REST API)
- Work in a highly dynamic AGILE environment and participating in daily stand-ups (scrums), sprint planning for both development and testing sprints
- Created API automation test scripts using Postman API and Java Script
- Wrote queries in SQL develop and execute them to modify /analyze the data from the Oracle database and compare it with results from web service response and check data integrity and consistency
- Communicate with business analysts and developers to improve quality of software and processes Report and manage defects in Jira system in accordance with QA procedures
- Effectively communicate as a member of cross-functional integrated QA team with other teams, that include IT, Operation, Problem Management

<b>Client: The Peer Group</b>	<b>AUTOMATION TESTER</b>	<b>MAY 2019 – MAR 2021</b>
	<ul style="list-style-type: none"> <li>• Reviewed the Business Requirement Document to understand the process and write Test Plan and Test Cases</li> <li>• Preparation of Test Scenarios, Test Cases and Test Scripts to validate business transformations</li> <li>• Collected the Test data in pre-testing phase for positive and negative scenarios</li> <li>• Integrate the test suites to Jenkins to execute them automatically after every successful deployment</li> <li>• Used Maven to build and run the Selenium Automation framework</li> <li>• Created Automation framework using JAVA, Selenium Webdriver, Cypress JUNIT and Maven using BDD (Cucumber-Java- Selenium) Framework</li> <li>• Developed more than 100 different test scenarios which covered around 200 different test cases</li> <li>• Set up Smoke test suites, Regression suites in Jenkins Continuous Integration</li> <li>• Used Postman &amp; SOAPUI for rest service testing</li> <li>• Developed automation scripts in BDD format using Cucumber and Proficient in writing Cucumber scenarios in GHERKIN format</li> <li>• Tested web and mobile based applications on different operating systems such as Windows, Mac</li> <li>• Implemented Maven Build tool by configuring the POM file with all required Jars and maintained</li> <li>• Performed Database Testing, GUI Testing, UAT and Browser Compatibility Testing</li> <li>• Used SQL queries and joins to retrieve data from various tables to test the database</li> <li>• Followed Agile/Scrum methodologies for all of the project activities</li> <li>• Created data-driven automation scripts for testing API Web Services using SOAP UI</li> <li>• Automated scripts with XPath to identify web elements such that most of the browsers can be used</li> <li>• Setup the automation framework using Selenium WebDriver, Java, TestNG, GitHub, Jenkins and Maven. Once the script got over, framework used to send the automation reports over email</li> <li>• Reported, Communicated and Tracked Defects and Issues using JIRA</li> <li>• Attended the sprint plan meetings, daily standup meetings, bug review meetings, weekly status meetings, retrospect meetings and interacted with business analysts and developers for resolving defects</li> </ul>	
<b>Echo Exit Webcorner</b>	<b>QA ANALYST</b>	<b>JUL 2015 – AUG 2016</b>
	<ul style="list-style-type: none"> <li>• Validated ‘small business’ customers’ ability to access and perform content creation, single user login functionality of all accounts, online registration and all other functionalities</li> <li>• Involved in meetings and requirement review sessions to define and document non-functional testing requirements, test scope, test scenarios and created test cases</li> <li>• Documented Acceptance Test plan and walkthrough test plan with managers</li> <li>• Created change requests for release activities in Change Management tool, coordinated with various teams and scheduled deployment activities using Jenkins</li> <li>• Deployed application in Staging and Production environments and ensured there is no impact with new change records</li> <li>• Executed the test plans on web and mobile (iOS &amp; Android) as per requirements; implemented simulator for Mobile App Testing in Android Platform using Appium</li> <li>• Configured Selenium WebDriver, Appium, TestNG, Maven tool and created Selenium automation scripts in Java using TestNG framework and page object model (POM) for Web applications</li> <li>• Executed functional, sanity, regression, integration, acceptance, operability, negative, fallback and failover testing</li> <li>• Created, executed, analyzed and reported results of manual test scripts to test assigned applications</li> <li>• Validated and inspected internal websites using Firebug tool</li> <li>• Tracked and reported on defects followed show stopper issues with management and other teams</li> <li>• Tested online portal applications across different browsers in staging and production environments</li> <li>• Tracked and reported on defects followed show stopper issues with management and other teams using HP ALM</li> <li>• Discussed and analyzed the requirements from business and management teams for new functionality and features for systems</li> <li>• Initiated and executed plan for automating internal web portal using Selenium with Java successfully</li> </ul>	

### **EDUCATION AND EXTRA CURRICULAR ACTIVITIES**

- ✓ Post-Graduate Diploma in Mechanical Technician – September 2016 to February 2019 Conestoga College, Ontario
- ✓ Bachelor of Engineering in Mechanical - June 2015
- ✓ Software Testing and Selenium Training
- ✓ ISTQB ® Certified Tester: Foundational Level (Certificate No. 24-CFTL-243108-12)