Keshav Yadav

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Software Test Engineer with over 6 years of comprehensive experience in both manual and automation testing, specializing in web applications, mobile apps, and database migrations. Proficient in designing and implementing automation frameworks, executing end-to-end testing, and ensuring high-quality releases through continuous integration. Having adequate knowledge of various domains like banking, insurance, Retails and marketing

# Experience

## July 2022 – PRESENT

### Software QA Engineer | IBM Canada | Halifax, Nova Scotia

* Led the complete testing for marketing campaign NHL and Gamification launched on mobile apps
* Created a complete test plan, test strategy, test effort estimation and test execution plan
* Created BDD automation framework for mobile apps IOS and android using cucumber and appium run on browser stack
* Performed end to end web UI & web services REST API testing using postman across various integrated system i.e. Azure, Salesforce, SAP
* Creation and management of test data and maintained the test environment for smooth execution of test
* Functional testing of salesforce application service cloud, marketing cloud and CDP
* Worked in an agile environment closely working with various teams such as vendor, business, IT and marketing team
* Complete understanding of agile methodologies scrum and kanban
* Proficient in using Test Management tool JIRA and Agile place for Test Planning, Test Designing, Test Analysis, Test Execution, Defect Tracking and Reporting
* Collaborated with stakeholders to understand the requirements and expectations for the database migration.
* Analyzed existing database structures, data types, and dependencies.
* Developed a comprehensive test plan outlining the testing approach, methodologies, acceptance criteria and test cases and test exit report for the migration process.
* Created data mapping documents to illustrate how data elements in the source database correspond to those in the target database
* Worked on Azure data factory for migration, power BI for report generation and data validation testing
* Writing complex SQL queries to validate data and stored procedure for batch processing
* Identify and resolve issues such as missing values, duplicates, outliers, format errors, and data type mismatches.
* Performed audit for testing for RTR-Payment’s project
* Performed manual API testing using postman
* Performed database testing for IOS payment repository

## Feb 2019 – dec 2020

### Automation test Engineer | Capgemini Technology Services India | Pune, India

* Lead the design and development of a scalable and maintainable automation framework for web application testing using Java, Selenium, Maven, and TestNG.
* Define coding standards, best practices, and guidelines for the automation framework to ensure consistency across the team.
* Write efficient and robust automated test scripts using Java and Selenium WebDriver to validate the functionality of web applications.
* Ensure that test scripts are modular, reusable, and follow the Page Object Model (POM)
* Integrate automated tests into Jenkins for continuous integration and establish automated deployment processes.
* Schedule and monitor automated test run as part of the CI/CD pipeline to provide rapid feedback on code changes.
* Implement reporting mechanisms within the automation framework to provide insightful test execution reports.
* Regularly review and update the automation framework to accommodate changes in application features and technology stack.

## OCT 2016 – fEB 2019

### Programmer Analyst | Cognizant Technology Solution India | Chennai, India

* Requirement analysis and understand complete functionality of application.
* Creating and executing test scripts, cases, and scenarios that will determine optimal system performance according to specifications
* Producing documentation for all testing efforts, results, activities, data, logging, and tracking.
* Selecting or Identifying Areas/Test cases for Automation Testing
* Involved in the Automation framework Designing of application using Maven, TestNG, Jenkins
* Created Automation test script in java using Selenium Web driver.
* Understand change in Requirement and change test script accordingly.
* Page object model and page factory implementation for Test suite
* Jenkin integration with MAVEN and TestNG
* Data driven testing using TestNG xml.

# Skills

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| Programming Language: | Java |
| Web Technology: | HTML, CSS, JavaScript |
| Automation Testing: | Selenium Web driver, Appium, TestNG, Log4j, Reports |
| Automation Framework: | Data Driven, Keyword Driven, Hybrid test framework, Cucumber BDD |
| API: | Rest Assured, Postman |
| Test Management Tool: | HP-ALM, JIRA, Agile place, DevOps |
| Build & Version Tools: | Maven, GIT, GitHub |
| CI/CD: | Jenkins |
| Database: | MY-SQL, SQL Server, Database Testing, ETL testing, Database Migration |
| Data Analytics Tools: | Excel, Power BI and Tableau |
| Salesforce: | Service cloud, Marketing cloud, CDP |
| Cloud: | Azure |

# Education

## SEPT 2020 - May 2022

### PG Diploma in Data Analytics for Business | St. Clair College | Windsor, ON

## July 2012 – June 2016

### Bachelor of Mechanical Engineering | RGPV University |Bhopal, MP