

PROFILE

- 8 years of extensive industry experience in manual and Automation testing of Web based applications in domains such as Banking, E-commerce, Social medias applications, Mortgage, Auto Loan and Insurance.
- Expertise in developing data driven automation and hybrid framework using Selenium (WebDriver) with Java, TestNG and Maven.
- Experience in creating BDD driven test framework using Cucumber.
- Experience in creating BDD framework using scalatest (Flatspec, matchers) and selenium DSL.
- Strong knowledge on JVM based languages Java and Scala.
- Experienced in developing manual test strategies, thinking different test scenarios and writing and executing manual test cases.
- Proficiency in Bug Tracking and Defect life cycle management using Jira, Gitlab and BugZilla
- Have hands-on experience of running qa automation tests on continuous integration using Github and Jenkins and also using Gitlab pipelines.
- Proficiency using version control system (Git) and remote web repository GitHub and Gitlab
- Have worked with Selenium Grid for testing on multiple machines at the same time
- Experience performance testing web based applications using Jmeter.
- Experience testing soap and rest based webservices manually as well as automating the testing tasks using soap-ui and rest assured libraries
- Experience participating in daily agile standup meetings as well as sprint planning, review and retrospective meetings.
- Worked closely with Product and Development teams to resolve system and product issues.
- ISTQB certified, preparing for agile foundation level certification.
- Strong analytical skills, with the ability to organize and articulate effective problem-solving solutions
- Detail oriented, with strong ability to work in a fast paced, highly collaborative and dynamic work environment
- Proficiency with office software: Microsoft Word, Excel, PowerPoint and Google sheets

TOOLS/TECHNOLOGIES

▪ Programing – Java, Scala, Groovy	▪ Selenium WebDriver 2.0, Selenium Driver 3.0
▪ Cucumber BDD	▪ TestNG, Junit, Scalatest
▪ Jmeter 5.0	▪ Selenium Grid 2.0, Selenium Grid 3.0, Selenium Grid 4
▪ Bugzilla, Jira, Liquid Planner	▪ Jenkins, Gitlab pipelines
▪ Apache Maven 3.0, Apache Ant	▪ MySQL databases
▪ Git, GitHub, Gitlab	▪ OS- Windows, Linux Ubuntu

Professional Experience:

Employer: Mate1 Inc

March 2020 - Present

Project: Social media (dating app) named eDate

Role: Qa Automation Engineer

Project: This Project includes re-designing and rebranding of both the pc and mobile versions of dating application named Mate1 to eDate. The PC based version was entirely rebuilt using Angular and mobile version also had many major changes as new and enhanced user oriented features were added.

Responsibilities:

- Was the only **qa automation engineer** in the team and was responsible for automating most of the regression qa tasks that involved all the major features of the app like registration, messaging ,photo uploading ,billing to name a few.
- Worked on **Scalatest** based framework integrated with **Selenium DSL** to automate the testing tasks and was solely responsible to bring the defunk framework back into working state.
- Automated features for both PC and mobile versions of the app for both production and qa environments
- Was heavily involved in integrating automation tests to run on **Gitlab pipeline** on a daily basis and checking pipeline results daily to look into any failing tests.
- Manual testing on **Liquid planner** tickets to help the manual testing team in every **Agile** sprint.
- Was involved in discussions with the development team and business analysts to resolve issues and suggest improvements to various features of the app as and when needed.
- Cross browser, cross platform testing, performance testing and post release testing of various features of the application.
- **Api testing** using **Postman**
- Creating **Jira** tickets for unresolved bugs so that they can be fixed later.
- Sprint Planning, retrospective meetings and Daily standup meetings on zoom, google meet and slack.

Environment: Selenium Web Driver 3.53,Scala sbt , IntelliJ , Agile-Scrum Methodology, Ubuntu 18.04,Jira,Gitlab,Gitlab pipelines.

Client: Laurentian Bank Canada
Project: E-Commerce web application

Feb 2018 – Feb 2020
Role: Automation Engineer

Project: This Project includes re-designing and upgrading the online banking application. Manage My Alerts module enables users to choose and customize the alerts so that they can be informed about what's going on with their credit card or bank accounts. Alerts from LBC are messages sent via text message, email or push notifications on user's mobile device that inform them about their banking, credit card, budgeting activity and reminders.

Responsibilities:

- Participated in all the phases of this **Agile-Scrum** Model including Sprint Planning, User Stories estimates, Daily Stand up meetings, Sprint Review and Sprint Retrospective Meetings.
- Performed **Regression testing** and **Functional testing** for each sprint using Selenium **WebDriver** and **TestNG**.
- Helped in creating and maintaining a **Data Driven Framework** for the project based on **Maven** which used Grid for testing on multiple platforms.
- Ensured issues and defects are logged quickly and accurately, while fixed defects are promptly verified and closed in **JIRA**.
- Generated **Extent reports** and/or **Maven Surefire reports** for all the test cases designed and shared them on github repository.
- Used **Jenkins** for continuous integration of code , which was shared online on github repository several times a day.
- Developed various test scripts in Performance testing tool JMeter to check the performance of web applications under various multi-user testing scenarios.
- Worked on various assertions(duration, size, xml, xpath) to check the reliability of web applications under performance testing.

- Communicated effectively about the **daily progress status** in the daily stand up meeting.

Environment: Selenium Web Driver 3.8.0, Java 1.8, TestNG 6.11, Eclipse, Agile-Scrum Methodology, Maven 3.6.0, Grid 3.0, Jmeter 5.0 ,Jira 6.6.1 ,Git Bash ,GitHub , Jenkins

Company: National Bank, Toronto
Project: Online Banking Application

Apr 2016– Jan 2018
Role: Automation QA Analyst

Sales and Service Portal project involves credit card application like online customization, secured card and balance transfer. Using these concepts all the user activities would be captured in the Enterprise Data Warehouse and reports would be generated for marketing and business decision making

Responsibilities:

- Worked on the Project in **Agile scrum environment** attending daily stand-up, sprint planning and sprint retrospective meetings.
- Executed Manual test cases and logged unexpected results in **Jira** and assigned them to respective developers and kept a track of them till they were resolved.
- Developed **Automation test scripts using Selenium webdriver** making extensive use of various web locaters like id , css ,name ,xpath etc with TestNg as framework to arrange , prioritize , parameterize ,skip and execute various test scripts.
- Used **Maven for building the WebDriver project**. Integrated with Continuous Integration tools Jenkins for running test on nightly basis automatically.Reports were generated using Extent reports.
- **Git hub** was used for remote code management.

Environment: Selenium Web Driver 2.53, Java 1.8, TestNG 6.11, Eclipse, Agile-Scrum Methodology, Maven 3.3.7,Ant 1.9.7, Jira 6.6.1 , Grid 2.0 , Jmeter ,Jenkins ,Git Bash ,GitHub

Client: HDFC, India
Project: Insurance Application

Nov 2013 – Dec 2015
Role: Software Tester.

This application was enhanced to provide life insurance for children of new and existing customers. The major enhancements include the ability to save the application in the middle and get back to the saved application using the reference number provided, end users could attach their supporting documents. User will provide data such as children life insurance plan, premium payment term and age of the child.

Responsibilities:

- Involved in discussions with developers to understand the functionality and specification of modules involved
- Created test cases based on **ECP and Boundary Value Analysis** and executed them as well
- Mapped test cases to requirements in Quality Center using Requirement Coverage Functionality
- Performed Backend Testing by extensively using **SQL Queries**
- Identified defects and reported to the developers with steps to reproduce, priority, severity and screen shots.
- Performed retesting on the defects fixed by the development team.
- Was involved in **regression testing** on similar modules once the defect was fixed
- Performed **cross browser testing** of the application when needed
- Maintained Traceability Matrix to track the requirements to the test cases to ensure complete test coverage in the Quality Center
- Participated in documentation **review and weekly status meeting** to demonstrate current progress and future testing efforts.

Environment: HP QC , SQL .

CERTIFICATION

ISTQB

EDUCATION

Masters in Electrical and Computer Engineering from Concordia University Montreal 2012.

B. Tech (Electronics and Communication) from Punjab Technical University, Punjab, India, 2009

References:

Available on request