
Sajal Agarwal

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Senior Test Automation Engineer

CAREER OBJECTIVE

To pursue a challenging career where I can apply my knowledge and contribute constructively for the growth of the organisation and my career.

PROFILE SUMMARY

- Automation Test Engineer with almost 8 years of experience in Information Technology, with specialising in Automation Testing, proficient in testing on Web based applications, Mobile Applications and APIs using Selenium automation tool with Java Binding.
- Implemented TDD framework with Page Object Model with TestNG.
- Ability in developing BDD Script with CUCUMBER and writing step definition for Behaviour.
- Good knowledge of Automation build tool MAVEN, GRADLE and CI tool JENKINS.
- Expert using open source bug tracking tool JIRA and Test Management tool HP-ALM.
- Extensive Experience in Functional, Regression, Negative testing and Browser compatibility Testing using BROWSERSTACK.
- Good knowledge of the source code management tool GIT and BITBUCKET.
- API testing for testing interfaces by using Rest Assured and POSTMAN
- Experience in Mobile Application testing using APPIUM to test Android and IOS applications on Mobile.
- Expertise in working in Agile and effective communication with clients.
- Experience in working in Banking, Retail and Energy domain.
- Comprehensive knowledge and understanding of software testing methodology.

EMPLOYMENT SUMMARY

Company	Experience	Designation
Globant	January 2021-Present	Senior Test Automation Engineer
Accenture	August 2016- January 2021	Test Engineering Analyst

PROJECT # 1

- Client** : JPMorgan Chase & Co (Banking Client)
- Role** : Senior Test Automation Engineer
- Tools** : Selenium, Cucumber, Java, RestAssured, Appium, IntelliJ, Maven, Jira, Browserstack, Bitbucket

Description: This project is mainly involved in Developing a travel module for a native mobile banking application, facilitating seamless travel-related transactions and services such as Flights, Cars, Hotels, Activities and Cruise bookings.

Roles and Responsibilities:

- Involved in Creation, Execution and updating of Test Automation Framework based on cucumber using mobile automation tool Appium.
- Framework component development and framework enhancement.
- Actively contributed to project planning and strategy discussions, providing valuable insights and recommendations in various project meetings such as Sprint Grooming, Planning, and Retrospectives.
- Collaborated closely with development teams to troubleshoot, diagnose, and rectify issues uncovered during testing, fostering a seamless development-testing workflow.
- Created detailed test scripts for iOS and Android apps to thoroughly test and validate their functionality.

- Involved in API testing for testing of process APIs(PAPIs) and System APIs(SAPIs) by using RestAssured.
- Conducted detailed analysis of daily test failures, creating defects in JIRA.

PROJECT # 2

- **Client** : HSBC (Banking Client)
- **Role** : Senior Test Automation Engineer
- **Tools** : Selenium, Cucumber, Java, Appium, IntelliJ, Maven, Jira, Browserstack, Rest Assured, Git

Description: This is the mobile application which allows the customer to pay their M&S credit card bill using a debit card in native mobile journey on both IOS and Android applications.

Roles and Responsibilities:

- Framework component development and framework enhancement.
- Involved in Creation, Execution and updating of Test Automation Framework based on cucumber using mobile automation tool Appium.
- Involved in all the kinds of meetings done for the Project (For Example, Sprint Grooming, Sprint Planning, Retrospective Meeting etc.)
- Working with Developers to resolve and fix the issues found during Testing.
- Test script creation for both iOS and Android platforms.
- Led the charge in API testing, employing Rest Assured to meticulously validate process APIs and System APIs, ensuring optimal performance and reliability.
- Analyzing the daily failures and creating defects in JIRA.

PROJECT # 3

- **Client** : HSBC(Banking Client)
- **Role** : Senior Test Automation Engineer
- **Tools** : Selenium, Cucumber, ExtentReport, Maven, TestNG, Nexus, Java

Description: All the different functionalities related to authentication were managed under this project which was part of Web Application Platform facing the Consumer.

Roles and Responsibilities:

- Execution, Maintenance and updating of Cucumber Java Framework as and when needed.
- Analyzing Requirements and then Designing and Executing Test Scripts.
- Creating and Maintaining various test artifacts like Automation Scripts, Defect Reports, etc.
- Guiding and helping the new joined team members with automation framework setup.
- Resolving technical queries/challenges faced by team members while performing test automation tasks.
- Created automation utilities to cover areas which were previously not automated.
- Involved in all the kinds of meetings done for Project (For Example, PI Planning, Sprint Grooming, Sprint Planning, Retrospective Meeting, Project Roadmap Meeting, etc.)
- Working with Developers to resolve and fix the issues found during Testing.
- Execution of all the created test scenarios on browserstack for cross browser testing.

PROJECT # 4

- **Client** : Energy Sector
- **Role** : Test Engineering Analyst
- **Tools** : Selenium with JAVA, BDD Framework with CUCUMBER, Maven, GIT, JIRA.

Description: It is European electric utility company based in Germany which operates in over 30 countries. This company is organized into Customer solutions, Energy network, Renewables, Nuclear energy, Windfarm projects, Fossil fuels and Business services which is the IT service provider for the company. The company has an E-Commerce website for the selling of its products such as electrical utilities and equipments and the services which the company offers.

Roles and Responsibilities:

- Understanding and analyzing test requirements.
- Responsible for Test case preparation of the Automation Test Scripts in Selenium WebDriver using Java Binding on POM design pattern using CUCUMBER framework.
- Involved in designing BDD using CUCUMBER framework based on page object model.
- Used Maven to help manage project's build.
- API testing for testing interfaces by using Rest Assured and POSTMAN
- Used Gitlab for source code management and generating reports.
- Manual Test case preparation and used JIRA for reporting and raising bugs.

PROJECT # 5

- **Client** : Retail Sector
- **Role** : Test Engineering Analyst
- **Tools** : Selenium with JAVA, TDD Framework with TestNG, Maven, Jenkins, JIRA and HP-ALM.

Description: It is a retail company which is responsible for developing the web application which is used in their retail stores which are spread across the North America. This Application provides capabilities to carry out day-to-day transactions and conduct daily store activities such as selecting items, applying price adjustments, tendering and processing sale and return transactions and receipts are stored in a central web-based application and that application is used for the verification purpose.

Roles and Responsibilities:

- Understanding and analyzing test requirements.
- Responsible for Test case preparation of the Automation Test Scripts in Selenium WebDriver using Java Binding on POM design pattern using TestNG framework.
- Involved in designing TDD using TestNG framework based on page object model.
- Used Maven to help manage project's build.
- Involved in the Continuous Integration of the automation framework with Jenkins.
- Manual Test case preparation and Execution of some module on ALM tool and JIRA for raising bugs.

TECHNICAL SKILLS

Java	CUCUMBER	TESTNG	Git IntelliJ
Eclipse	Maven	JIRA	TDD
Agile	Rest Assured	Selenium Webdriver	Appium
Gradle	Postman	Jenkins	BDD

ACHIEVEMENTS

- Received **Accenture-Above and beyond** award for 2019 Q3.
- Received **Accenture-Above and beyond** award for 2020 Q1.
- Received **Client Appreciation** from HSBC in 2022 Q1 & 2023 Q3.
- Received **Client Appreciation** from JP Morgan in 2024 Q1.

CERTIFICATIONS

- Agile Professional Certification.

EDUCATION

Year	Educational Qualification	Marks Scored
2012-2016	Bachelor of Engineering – Electrical Engineering College- Shri Ramdeobaba College of Engineering and Management	7.27 CGPA
2012	12 th Standard School- S.K .Porwal College	80%
2010	10 th Standard-SJC School	81.96%

PERSONAL DETAILS

Name: Sajal Agarwal
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DECLARATION

I hereby declare that all the above information furnished about me is true to the best of my knowledge and belief.