

SUMMARY

Dedicated and results-driven automation testing professional with **5.2 years** of hands-on experience in manual, web-automation, backend Api testing. Proficient in utilizing a wide range of testing tools and technologies to ensure the delivery of high-quality software products. Skilled in developing and implementing various automation frameworks, including data-driven and hybrid frameworks. Adept at working in Agile Scrum environments, collaborating with cross-functional teams to achieve project goals efficiently.

WORK EXPERIENCE

Beqisoft Technologies PVT LTD as a Junior Software Engineer

Oct,2024 to Feb,2025

Conducting daily triage of nightly regression test results to identify and analyze failures. Creating maintenance tickets to handle the failures, Developing and maintaining the automation test cases to validate application functionality and performance. Collaborating with cross-functional teams to ensure timely resolution of defects and continuous improvement in test coverage.

Intellect design arena as a Junior Software Engineer

Dec,2019 to Sep,2024

Proficiently managed end-to-end testing processes including planning, designing test cases, scripting, and data preparation. Specialized in test automation, regression testing, and in-sprint automation, ensuring thorough and efficient testing cycles. Effectively reported test results and bugs, contributing to streamlined communication and issue resolution within the team.

PROFESSIONAL SUMMARY

- Proficiency in Core Java fundamentals such as OOPS, Strings, Arrays, and Collections, applied skillfully to develop robust test automation solutions.
- Proficiency in thoroughly understanding and analyzing test requirements, ensuring accurate tracking, maintenance, and adherence to established testing methodologies.
- Extensive expertise in Selenium WebDriver, adept at automating web application testing and proficient in leveraging XPath axes like following-sibling, parent, and ancestor for element handling.
- Strong command over Selenium functionality, including WebDriver and WebElement methods, dropdown handling, mouse interactions, window/frame switching, alert handling, screenshot capture, JavaScriptExecutors, and file operations.
- Proven track record in executing Selenium test cases, proficiently reporting defects, and contributing to the development of regression automation suites.
- Experience in developing reusable methods using Java utilities and proficient in JDBC Connection for interacting with databases via SQL queries.
- Skilled in designing Page Object Model, Page Factory, and implementing Singleton design pattern, alongside utilizing JUnit Framework and its annotations for efficient testing.
- Expertise in TestNG annotations, groupings, data providers, parameterization, assertions, parallel execution, re-execution of failed test cases, and understanding data provider concepts.
- Extensive proficiency in the Cucumber framework, encompassing Feature files, Step definitions, Data tables, tags, and Hooks, coupled with Agile methodologies and active participation in Scrum processes.
- Knowledgeable in Maven for Java build automation and proficient in Gitlab for repository maintenance, branching, and version control activities.

SKILL SET

• Software used	:	Eclipse, Visual Studio code
• Programming Language	:	Core Java, Type script(basics), SQL
• Web Automation, Backend	:	Selenium WebDriver, Rest Assured, Postman, Playwright
• Build Integration and CICD tool	:	Git, Gitlab, Maven, Jenkins
• Process and Project	:	Agile-Scrum Methodologies & JIRA - Project Board
• Automation Frameworks	:	POM, Junit, TestNG TDD, Hybrid Cucumber BDD & Data-driven framework, Roxas-e2e

PROJECTS

❖ Russell-UI-Automation

Nov,2024-Feb,2025

E-Commerce domain | Disney Wonderland-US

This unlaunched application focuses on theater. It aims to provide users with a comprehensive platform to explore and access theater information. Key features include the ability to browse available theaters, discover upcoming shows with their respective names, and understand the ticket purchasing criteria for each performance.

Automation Tools: Type script, Selenium, Cucumber BDD with Roxas-e2e framework, Git

Roles and Responsibilities:

- Convert manual test scripts into automated scripts based on feature files to improve test efficiency.
- Monitor nightly regression failure counts for the application and concurrently prepare triage reports for each build.
- Resolve failures caused by locator or data issues, prioritizing and creating tickets as necessary for unresolved problems.
- Perform data cleanup for each build using APIs through tools like Postman.
- Collaborate with cross-functional teams to gather requirements and define acceptance criteria for new features and enhancements.
- Commit and push the latest updates to the GitLab repository using Git commands, ensuring version control and traceability.

❖ Workforce Tribes-UI

Oct,2024-Feb,2025

Workforce maintenance | Disney Wonderland-US

This workforce application is a digital tool designed to streamline employee management by handling designations, tracking leadership roles, organizing skillsets, and managing performance-based rewards. It helps assign and update job roles, identify leadership hierarchies, analyze employee skills for organizational needs, and allocate credits or incentives to recognize contributions, enhancing transparency and efficiency in workforce planning.

Automation Tools: Type script, Selenium, Cucumber, Roxas-e2e, Git

Roles and Responsibilities:

- Monitor nightly regression failure counts for the application while simultaneously preparing triage reports for each build.
- Maintain and enhance automated test scripts using frameworks like Selenium WebDriver and Roxas-e2e.
- Create maintenance tickets for the workforce application based on build failure analyses.
- Resolve tickets by implementing script updates, followed by creating merge requests using Git commands.

❖ **Beyond-Overstock**

Aug, 2021 – Sept, 2024

Workforce maintenance | Disney-US

Shop Overstock.com and find crazy-good deals on everything for your home and more. We work every day to bring you the best products at the best prices, from rugs and jewelry to furniture and decor. Whether you're looking for memorable gifts or everyday treasures, find them here for less.

Automation Tools: Core Java, Selenium, Playwright, Cucumber BDD, Git, Maven

Roles and Responsibilities:

- Analyzed business requirements and collaborated with cross-functional teams to define comprehensive acceptance criteria for features and enhancements.
- Developed and maintained robust automated test scripts using tools and frameworks like Selenium WebDriver then we moved on to Playwright.
- Implemented the Page Object Model (POM) and Data-Driven frameworks to enhance test script scalability, maintainability, and reusability.
- Designed and executed test scenarios leveraging Cucumber BDD to enable clear communication and alignment with business stakeholders.
- Conducted root cause analysis of test failures and coordinated with developers for quick resolution.
- Integrated automated test scripts into CI/CD pipelines for seamless regression testing and faster delivery cycles.
- Utilized test management tools to track test coverage, execution results, and defect resolution.
- Provided detailed test reports and metrics to project stakeholders to support informed decision-making.
- Conducted peer reviews of test scripts and provided feedback to ensure code quality and adherence to standards.
- Actively participated in sprint planning, retrospectives, and daily stand-ups to align testing activities with project timelines.

E-Commerce domain | US

Costco Wholesale Corporation is an American multinational corporation which operates a chain of membership-only big-box warehouse club retail stores.

Automation Tools: Core Java, Selenium, Cucumber BDD, Git, Maven

Roles and Responsibilities:

- Developed and maintained automation test scripts using Selenium WebDriver and Java for testing web applications.
- Perform exploratory testing to uncover defects and usability issues in the application. ✦ Document test results, defects, and test coverage in test management tools like JIRA. ✦ Conduct regression testing to ensure the stability of new releases and patches.
- Collaborate with cross-functional teams to triage and prioritize defects for resolution.
- Validate software fixes and enhancements during the QA phase of the software development lifecycle.
- Participate in requirement review sessions to ensure testability and clarity of requirements. ✦ Perform ad-hoc testing as needed to identify issues and risks in the application.
- Provide feedback on user interface design, functionality, and performance to improve overall product quality.
- Contribute to the creation and maintenance of test documentation, including test plans and test cases.
- Analyze automation test results to identify test failures, defects, and areas for improvement, and provide detailed test reports to stakeholders.
- Manage test data for automation testing, including data setup, manipulation, and cleanup, to ensure consistent and reliable test execution.

Manual Testing : JIRA

Dec,2019 – Jan,2020

- ✦ Collaborate with the testing team and stakeholders to understand project requirements, identify test scenarios, and plan test activities accordingly.
- ✦ Create comprehensive manual test cases based on functional specifications, user stories, and acceptance criteria to ensure thorough test coverage.
- ✦ Execute manual test cases meticulously, following test procedures and documenting test results accurately to identify defects and ensure software quality.
- ✦ Perform regression testing to verify that software changes or enhancements do not adversely impact existing functionality, ensuring backward compatibility.
- ✦ Conduct exploratory testing to uncover defects, usability issues, and edge cases that may not be covered by predefined test cases, providing valuable feedback to the development team.

EDUCATION

B.Tech - CSE | 2015 to 2019

Hooghly Engineering & Technology College, MAKAUT University, West Bengal.