



SANJAY VENKATRAMANA BHAT

AUTOMATION QA ENGINEER

PROFILE

I am a highly skilled and results-driven Automation QA Engineer with over five years of experience in both manual and automated testing, specializing in Selenium WebDriver. I excel at designing and implementing robust testing frameworks, collaborating effectively within Agile teams, and executing comprehensive regression tests to ensure optimal test coverage. Additionally, I am passionate about mentoring colleagues and fostering a knowledge-sharing culture to enhance team performance.

My expertise includes developing automation frameworks using Cucumber, Selenium WebDriver, and Java, seamlessly integrating tools like Extent Reports and TestNG within Maven projects. I am well-versed in various phases of the Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC), with hands-on experience in Agile methodologies and Scrum. I specialize in designing and executing automated test scripts, preparing comprehensive test documentation, and ensuring optimal test coverage through behavior-driven development (BDD) using tools like Cucumber. Additionally, I have a strong background in database validation, backend testing using SQL, and mentoring teams on best practices for test automation and continuous integration.

WORK EXPERIENCE

JRD Systems Private Ltd

Trove Market

01/2025- PRESENT

Automation QA Engineer

Trove's e-commerce project strives to uplift the disabled community by encouraging entrepreneurship, creating meaningful job opportunities, and broadening business horizons.

- Analyzed user requirements to drive application enhancements and developed detailed testing specifications.
- Designed and implemented comprehensive test scenarios and procedures aligned with defined requirements.
- Assisted in creating and reviewing Test Plans to ensure complete coverage and alignment with project objectives.
- Conducted manual functional and system testing to validate application performance and functionality.
- Automated functional and regression testing for web applications using JUnit and TestNG to enhance efficiency and accuracy.

Life Lab Kids Foundation

08/2024 - 12/2024

Automation QA Engineer

LifeLab Kids Foundation is a nonprofit organization dedicated to empowering youth of all abilities by providing innovative therapeutic services

- Evaluated user requirements to define application improvements and developed detailed testing specifications.
- Designed and implemented comprehensive test scenarios, test cases, and procedures to align with defined test objectives.
- Conducted manual functional and system testing to ensure applications met performance and quality standards.
- Executed automated and manual test scripts, analyzed results, and ensured adherence to functional and business requirements.
- Created BDD feature files using Gherkin syntax and seamlessly integrated them with Cucumber to enhance collaboration and streamline test development.
- Compiled and presented weekly Coverage Status Reports, providing valuable insights into test progress, coverage, and outcomes.

S&P Global

09/2021 - 08/2024

Automation QA Engineer

Unity Demand is an advanced web application that provides accurate automobile demand forecasts by leveraging historical data and real-time performance metrics.

- Designed comprehensive test plans and cases to ensure high software quality throughout the development lifecycle.
- Automated functional and regression testing using JUnit, TestNG, and Selenium, achieving 90% automation coverage.
- Actively participated in backlog refinement meetings to clarify requirements and enhance feature understanding.
- Developed BDD feature files using Gherkin and integrated them with Cucumber to facilitate cross-team collaboration.

CONTACT

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EDUCATION

DAYANANDA SAGAR COLLEGE OF ENGINEERING

2027 - 2020

Bachelor of Engineering(TCE)

7.24 GPA

KEY ACHIEVEMENTS

Test Automation Excellence

Achieved 90% test automation coverage with JUnit and TestNG, ensuring reliable and efficient software validation.

Advanced Test Automation & Optimization

Designed and implemented robust Selenium WebDriver frameworks, reducing manual testing efforts by 60%.

Superior Defect Detection

Enhanced test frameworks, increasing defect detection rates by 40% to improve software quality.

Optimized Framework Performance

Refined the JUnit framework, cutting test execution time by 80% for faster and more efficient testing.

Exceptional Testing Execution

Successfully executed 200+ regression tests, ensuring top-tier software performance and stability.

LANGUAGES

- English (Fluent)
- Hindi (Intermediate)
- Kannada (Fluent)

SKILLS

Development Test Methodologies & Test Management Tools

Agile Scrum, Kanban, Jira and Bugzilla

Automation Tools & Frameworks

Selenium WebDriver, Maven with TestNG, Hybrid and Cucumber, Cucumber with POM, Junit.

API Testing & Performance Testing Tools

Postman, JMeter.

RDBMS & Tools

MySQL, PostgreSQL, Oracle SQL

Programing Language & IDE

Core Java, Basic Python, Eclipse, IntelliJ IDE, MS Visual Studio and PyCharm.

SCM Tools

Jenkins, GitHub, BitBucket

MS Office Tools

MS Word, Excel, PowerPoint

CERTIFICATION

- Certified Automation Engineer - ABC Technology.
- Certified in Java Programing - EXCELR Technologies.

GITHUB LINK

<https://github.com/sanjaybhatn/GitCucumberDemo.git>

- Conducted performance testing with JMeter and implemented UI automation using Java and Selenium WebDriver.
- Logged and tracked issues in Jira, collaborating with developers to ensure timely defect resolution.
- Optimized Selenium-based frameworks for enhanced efficiency and validated browser compatibility and dynamic content.
- Compiled detailed reports on testing efforts, results, and key activities to keep stakeholders informed.
- Performed API testing with Postman, disaster recovery testing with AWS, and data consistency verification using AWS Step Functions.

IHS Markit

Automation QA Engineer

A migration project aimed at seamlessly transitioning legacy applications to modern systems.

- Analyzed test cases and client KT materials to develop automation scripts, ensuring a deep understanding of functionality.
- Designed and implemented an automation framework using Cucumber and POM, integrating detailed reports for enhanced test insights.
- Configured Jenkins to automate test execution and generate Cucumber reports, fostering team collaboration.
- Participated in peer reviews to improve the quality and efficiency of automation scripts.
- Logged and prioritized defects in JIRA based on severity, working closely with developers for swift resolution and regression testing.
- Engaged in various testing phases, including Sanity, Smoke, System, and Regression Testing, to ensure application stability.
- Provided daily standup updates, addressed blockers, and coordinated with the team for smooth project execution.

Gordon Food Service.

Automation QA Engineer

The application provides users with a centralized view of driver details while enabling automated driver assessments and reconciliations.

- Developed and executed comprehensive manual test cases in JIRA based on project requirements.
- Reviewed and validated test scenarios to ensure optimal functionality and performance.
- Actively participated in daily stand-ups and grooming sessions to track progress and resolve blockers.
- Contributed to sprint retrospectives by providing valuable insights for process improvements.
- Conducted various testing phases, including Sanity, Smoke, System, Re-testing, and Regression Testing, to ensure software quality and stability.
- Logged, tracked, and prioritized defects in JIRA, ensuring timely resolution in collaboration with the development team.
- Reviewed project documentation, analyzed defects, and performed regression testing to maintain software integrity.

PROJECTS

I18n Driver Safety Application (DSA)

This application allows users to maintain a unified and comprehensive view of driver details.

Conducted manual testing by executing detailed test cases to ensure application quality and functionality.

Unity Demand

Unity Demand is an advanced web application that delivers accurate automobile demand forecasting data.

Worked as an Automation QA Engineer, designing and implementing automated test scripts to enhance application performance and ensure high-quality standards.

ColabCare

ColabCare is a healthcare platform that automates critical hospital processes, including billing, appointments, scheduling, regulatory compliance, and financial auditing.

Conducted both manual and automated testing to ensure comprehensive test coverage and high-quality software delivery.

Blade Runner

Blade Runner is a migration project focused on transitioning legacy applications to the VMC environment.

Worked as an Automation QA Engineer, developing and executing automated test scripts to enhance software quality and optimize testing processes.

Trove Market E-Commerce

Trove Marketplace is an innovative e-commerce platform dedicated to empowering individuals with disabilities, including children.

Worked as an Automation QA Engineer, creating and running automated test scripts to improve software quality and streamline testing workflows.