

Sayali Mahamuni

☎ +91-8010371955 ✉ sayali.mahamuni00@gmail.com 🌐 <https://github.com/Sayali-Mahamuni00>

Professional Summary

Postgraduate in Computer Applications with practical experience in manual and automation testing. Skilled in tools like Selenium WebDriver, TestNG, Postman, and JIRA. Capable of designing and executing test cases, identifying bugs, and ensuring software quality. Quick learner with a detail-oriented and problem-solving mindset, passionate about delivering high-quality software.

Skills

- **Software Testing:** Manual Testing, Automation Testing, Functional Testing, UAT
- **Test Automation:** Selenium WebDriver, TestNG, Test Case Design, Test Planning, Test Execution
- **Programming & Scripting:** Java, SQL, UNIX, XPath, CSS Selectors
- **API & Database Testing:** Postman, Oracle, SQL Queries
- **Tools & Platforms:** JIRA, Eclipse, GitHub, Maven
- **Concepts:** SDLC, STLC, Defect Life Cycle, Severity & Priority, TestNG Annotations, Synchronization, POM, Assertions, Listeners, Exception Handling
- **Soft Skills:** Analytical Thinking, Problem Solving, Communication, Team Collaboration

Education

- **Master of Computer Applications**, SPPU, Pune | 2022
- **Bachelor of Computer Science**, Shivaji University, Kolhapur | 2020

Certification and Courses

Software Development Engineer in Test (SDET)

- Developed and executed test strategies using Agile, Waterfall, and STLC methodologies
- Designed functional and non-functional test cases
- Automated test cases using Selenium WebDriver and TestNG
- Developed SQL queries for database validation
- Used JIRA for defect tracking and reporting

Java Certification Course (Simplilearn)

- Learned OOP concepts like inheritance, polymorphism, and encapsulation
- Built Java applications and practiced exception handling and control structures
- Explored arrays, loops, methods, and string manipulation
- Debugged code using Eclipse IDE

Project

SDET Course Project | SauceDemo | Manual Testing Project | E-commerce Web Application

- Conducted requirement analysis and created detailed functional and non-functional requirements
- Designed and executed comprehensive test cases with both positive and negative scenarios
- Performed UI testing and functional testing manually
- Logged and tracked bugs using Excel and aligned them with expected vs actual results
- Prepared Test Summary Report and Requirement Traceability Matrix (RTM) for the entire test cycle

SDET Course Project | OpenCart | Automation Testing Project | E-commerce Web Application

- Developed and executed automated test scripts using Selenium WebDriver and Java
- Created detailed test cases to evaluate code behavior against requirements
- Documented defects and test phases using JIRA and GitHub
- Conducted UI automation and post-release validation to ensure stable deployments
- Used Page Object Model (POM) and TestNG for structured test execution and reporting.

Self-Learning Initiative

Prompt Engineering for Software Testing

- Explored prompt engineering using LLM tools like ChatGPT to generate test artifacts (test cases, bug reports, RTMs, etc.) based on functional requirements.
- Enhanced QA documentation through AI-assisted suggestions.
- Applied AI tools to real-world projects like SauceDemo and DemoQA to simulate manual and automation testing.

Professional Strengths

- Strong analytical mindset with attention to detail in identifying and reporting bugs
- Effective communicator, able to clearly explain issues and test findings
- Quick learner, adaptable to new tools, technologies, and testing processes
- Committed to delivering reliable and thoroughly tested software