

SWATHI JAMMA

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SUMMARY

Experienced Test Automation Engineer with a strong background in developing, executing, and troubleshooting automation scripts for Salesforce pages and banking applications using Selenium WebDriver, TestNG, and Cucumber. Proficient in using Java, Maven, Jenkins, and Eclipse for test environment setup and execution. Proven ability to design and implement automation frameworks, convert manual test cases into automated scripts, and ensure full traceability to business use cases. Adept at collaborating with QA teams, developers, and business analysts to achieve project goals efficiently while maintaining high-quality standards. Expertise in continuous integration processes and providing detailed test reports.

EDUCATION

Auburn University at Montgomery,
Master of Science: Computer Science

Montgomery, AL
Jan 2024 – Dec 2025

- GPA: 4/4
- Coursework: **Advanced Data Structures and Algorithms, Database Management, Power BI, Data Mining, Machine Learning.**

EXPERIENCE

Infosys(Client:WebsterBank)

Test Engineer

- **Test Automation:** Designed, developed, and maintained 50+ automated test scripts using Selenium WebDriver, TestNG, and Cucumber, enhancing test coverage by 25%. Converted manual test cases to automated scripts, reducing manual effort by 30%.
- **Framework Development:** Developed and implemented automation frameworks using TestNG and Cucumber in Eclipse, streamlining the testing process and improving efficiency by 20%.
- **Test Case Design:** Designed comprehensive test cases and test scenarios for both manual and automated testing, ensuring alignment with business requirements and improving defect detection rates by 25%.
- **Test Planning & Execution:** Created and executed detailed test plans and test cases based on requirements. Performed end-to-end testing across various environments using Jenkins for continuous integration.
- **Cross-Browser and Performance Testing:** Conducted cross-browser testing using Selenium Grid to ensure compatibility across multiple browsers (Chrome, Firefox, Edge) and performed performance testing using tools like JMeter to identify and resolve bottlenecks.
- **Test Troubleshooting:** Identified and resolved defects, reducing bug resolution times by 20%. Used JIRA to track and manage defects, achieving a 98% first-pass resolution rate.
- **Collaboration:** Worked closely with developers, QA leads, and business analysts to ensure test cases aligned with business requirements. Conducted quality assurance using Selenium WebDriver, Java, TestNG, and Cucumber frameworks.
- **Reporting:** Delivered comprehensive documentation and test reports for each project phase, ensuring stakeholders were informed of the test progress and results.

LEADERSHIP AND TEAMWORK

- Led a team to implement an automation testing framework for banking applications, improving defect detection rates by 25%.
- Mentored junior engineers on automation tools, including Selenium, TestNG, and Cucumber, enhancing team efficiency.
- Led cross-functional teams, fostering collaboration between QA, development, and business teams to ensure timely delivery of high-quality software solutions.

TECHNICAL SKILLS

- **Automation Tools:** Selenium WebDriver, TestNG, Cucumber, Maven, Jenkins
- **Programming Languages:** Java (Intermediate), Python (Advanced), SQL (Advanced), C++
- **Testing Methodologies:** Automated Testing, Manual Testing, Quality Assurance
- **CI/CD Tools:** Jenkins, Git
- **Defect Tracking Tools:** JIRA
- **Cloud Platforms:** AWS, Azure, Google Cloud
- **Operating Systems:** Linux, Windows
- **Database Management:** SQL

CERTIFICATIONS

- Advanced Selenium Java Certification (Infosys)
- TOSCA Certification (Preferred in testing automation)

PROJECT HIGHLIGHTS

- **Salesforce Automation:** Automated test cases for Salesforce pages using Selenium WebDriver, improving overall test efficiency.
- **Banking Application Test Automation:** Designed and developed test automation frameworks using TestNG and Cucumber, reducing testing time by 30% and increasing detection by 25%.
- **Big Data Pipeline Project:** Created a pipeline for large-scale data processing, improving data efficiency by 15%.

INTERESTS

- Passionate about test automation, continuous integration, and software quality improvement.
- Keen interest in exploring new automation tools and frameworks to enhance testing efficiency.
- Enthusiastic about performance testing and cross-browser testing to ensure seamless user experiences.
- Interested in process optimization and test strategy development to deliver high-quality software solutions.