

## Rishwitha Gantla

Jersey City, NJ, 07307 | rg68626n@pace.edu

**LinkedIn:** <https://www.linkedin.com/in/rishwitha-reddy-910312205/> | **GITHUB:** <https://github.com/RishwithaGantla>

### EDUCATION:

**Master of Science in Information Systems** Pace University, New York City, NY **Sep 2023 - Expected Graduation: May 2025**

GPA: 3.9/4.0

Relevant Coursework: Database Management Systems | Introduction to Python | Information Systems Design and Development | Network Security

**Bachelor of Engineering, Electrical and Electronics** Vaagdevi College of Engineering, India **Aug 2015- May 2019**

GPA: 3.5/4.0

Relevant Coursework: Data Structures | Problem-Solving and Computer Programming | Computational Mathematics | Managerial Economics & Financial Analysis | Entrepreneurship Development.

### PROFESSIONAL EXPERIENCE:

**Software Development Engineer in Test (SDET),** Prolifics Corporation Private Limited, India **Oct 2019 – Oct 2023**

- Experienced Test Automation Engineer with strong hands-on experience in GUI testing, Functional testing, Regression testing, and Smoke testing.
- Developed and maintained Java-based automation scripts using Selenium WebDriver to simulate user interactions with the da Vinci Surgical System, ensuring comprehensive coverage of critical functionalities.
- Leveraged Cucumber BDD framework for writing clear and understandable test cases, aligning with agile scrum methodologies to enhance team collaboration and stakeholder communication.
- Utilized TestNG to create flexible and powerful test configurations, enabling parallel execution and comprehensive reporting that facilitated quick identification of defects.
- Configured Maven for project build management and dependencies, streamlining the automation setup and ensuring consistent test execution environments across different stages.
- Implemented Tosca tests for continuous regression testing, reducing manual effort and improving the reliability of end-to-end workflows within the robotic surgical system.
- Integrated ALM to track and manage all phases of testing, from test creation to defect tracking, ensuring adherence to project timelines and quality standards.
- Applied SAP FICO modules to validate financial integrations and ensure accurate data handling, critical for the operational aspects of surgical system deployments.
- Utilized Agile Scrum practices to continuously iterate on test development and execution, maintaining alignment with sprint goals and ensuring timely delivery of testing milestones.
- Developed BDD scenarios to facilitate communication between technical and non-technical stakeholders, ensuring all functional requirements were captured and tested.
- Employed REST-assured for API testing, validating communication between the da Vinci system's components and external services to ensure seamless data exchange and functionality.
- Executed SQL queries for database validation, ensuring data integrity and correct data storage behaviors in the system's backend, supporting robust system operations.
- Conducted advanced SQL scripting to simulate complex surgical data scenarios, verifying the system's ability to handle and process data under varied conditions.
- Collaborated with cross-functional teams, including developers, business analysts, and quality assurance teams to understand requirements and ensure that automated tests align with project goals.

### SKILLS :

**Automation Skills:** Tosca, Selenium WebDriver, TestNG, Cucumber, Jenkins, Page Object Model.

**Programming Languages:** Java, Python.

**Frameworks:** BDD and Hybrid.

**Bug Tracking Tools:** Jira and ALM.

**Databases:** SQL.

**Api Testing:** Rest Assured and Postman.