

# D Tharun Kumar

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## Professional Summary

Detail-oriented Software Tester with hands-on experience in **Manual and Automation Testing** using **Java, Selenium, Postman, Rest Assured**, and **CI/CD** tools. Skilled in creating and executing test cases, identifying defects, and ensuring high-quality software delivery. Proficient in **API testing**, writing automation scripts, and working with tools like **Git, GitHub, and JIRA** for version control and defect tracking. Strong understanding of STLC, SDLC, test planning, regression testing, and requirement analysis. Known for problem-solving, accuracy, and continuous learning to improve testing efficiency.

## Technical Skills

**Programming:** Java

**Automation Tools:** Selenium WebDriver, Rest Assured, Postman

**Manual Testing:** Test Case Design, Test Execution, Defect Tracking, Regression Testing

**Frameworks:** TestNG, Page Object Model (POM), BDD (Cucumber), Data driven.

**API Testing:** Postman, Rest Assured

**CI/CD Tools:** Jenkins

**Version Control:** Git, GitHub

**Bug Tracking Tools:** JIRA

**Build Tools:** Maven

**Testing Knowledge:** STLC, SDLC, Requirement Analysis, Functional & Non-Functional Testing

## Professional Experience

### Software Test Engineer

#### *Vunathi Technologies | 2024– Present*

- Designed and executed manual test cases based on requirements, ensuring full coverage of functional and regression scenarios.
- Developed and maintained automation test scripts using Java, Selenium WebDriver, TestNG, and Page Object Model (POM).
- Performed API testing using Postman and automated API validations using Rest Assured.
- Participated in creating and improving automation frameworks to enhance test reliability and reusability.
- Collaborated with developers and product teams to identify, document, and track defects using JIRA.
- Integrated test automation suites with Jenkins CI/CD pipelines for continuous execution and reporting.

- Used Git and GitHub for version control, branch management, and code review.
- Conducted smoke, sanity, and regression testing for every build release.
- Analyzed test results, prepared reports, and contributed to improving the overall testing process and product quality.

## ROLES & RESPONSIBILITIES

- Analyze requirements and prepare test scenarios, test cases, and test data for multiple modules.
- Perform functional, UI, smoke, sanity, and regression testing during different phases of the project.
- Develop and execute automation test scripts using Java, Selenium WebDriver, TestNG, and POM framework.
- Perform API testing using Postman and automate API validations with Rest Assured.
- Execute automated regression suites and provide results to stakeholders.
- Identify, document, and track defects using JIRA, ensuring clear reproduction steps and severity categorization.
- Collaborate with developers, business analysts, and product owners to clarify requirements and resolve issues.
- Integrate automation scripts with Jenkins CI/CD pipelines for continuous execution.
- Use Git/GitHub for source control, branching, merging, and code reviews.
- Ensure cross-browser testing and validate UI consistency across Chrome, Firefox, and Edge.
- Participate in Agile ceremonies including Sprint Planning, Grooming, Stand-ups, and Retrospectives.
- Prepare test reports, maintain documentation, and support QA processes during production releases.
- Contribute to improving automation coverage and optimizing testing workflows.

## Project Experience

### NOVYA – AI Teaching Platform

#### Role: QA Engineer

Performed manual and automation testing using Java, Selenium, TestNG, and Rest Assured. Created test cases, automated key workflows, executed API tests using Postman, and tracked defects in JIRA. Used Git/GitHub for version control.

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### 2. FLH – Scheme Application System

#### Role: QA Engineer

Designed and executed manual test cases, automated regression scenarios using Java and Selenium, and validated workflows. Reported defects in JIRA and integrated automation scripts with Jenkins CI/CD pipelines.

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### 3. Food Munch – Online Food Ordering Platform

#### Role: QA Engineer

Tested ordering flows manually and automated core user journeys using Java, Selenium, and TestNG. Performed API testing with Postman, tracked bugs in JIRA, and ensured smooth cart and checkout functionality.

## EDUCATION

B.Sc Computer Science | CGPA: 8.01

Intermediate – Resonance Junior College | 86%

SSC – Sri Chaitanya Techno School | CGPA: 9.7