

# Nagulu Syed

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## PROFESSIONAL SUMMARY

Automation Test Engineer with 4 years of experience in designing, developing, and executing **automation frameworks for web and API testing**. Skilled in Java, Selenium WebDriver, TestNG, and REST API automation. Hands-on expertise in CI/CD integration with Jenkins and GitLab, working in Agile environments, and collaborating with cross-functional teams to deliver high-quality software. Strong knowledge of **debugging, test optimization**, and monitoring tools like Grafana.

## SKILLS

- **Programming & Scripting:** Java, Selenium WebDriver, TestNG, REST Assured, Maven
- **Automation & Frameworks:** Hybrid Framework, Page Object Model (POM), Data-Driven Testing, BDD (Cucumber – basic)
- **CI/CD & Tools:** Jenkins, GitLab, Rally, ALM
- **API Testing & Tools:** REST Assured, Swagger, Postman
- **Monitoring & Reporting:** Grafana, Extent Reports, Log4j
- **Software Development & Methodology:** Agile, Scrum, Continuous Integration, Code Review, Defect Management
- **Testing Expertise:** Functional, Regression, Smoke, Sanity, Unit Testing (VectorCAST), Integration Testing

## PROFESSIONAL EXPERIENCE

**Automation Test Engineer** | Capgemini Engineering

**Nov 2021 – Present**

**Client:** Wabtec

**Tools & Technologies:** Java, Selenium, TestNG, REST Assured, Jenkins, GitLab, Grafana, Swagger, Rally

- Designed and implemented a hybrid **Selenium automation** framework with **Page Object Model (POM)**, reducing test maintenance efforts by 25%.
- Automated **REST API** test cases using **REST Assured**, validating request/response payloads, headers, status codes, and schema.
- Integrated automation suites with **Jenkins pipelines**, enabling scheduled and on-demand test executions.
- Collaborated with developers and product owners in **Agile/Scrum** ceremonies, delivering 20+ sprints successfully.
- Conducted unit testing with **VectorCAST** for safety-critical modules in IETMS and TO projects.
- Debugged and maintained failing automation scripts, improving overall test stability by 30%.
- Used **GitLab** for version control and participated in code reviews to ensure automation best practices.
- Monitored test executions and application health using **Grafana** dashboards.
- Logged and tracked defects in **Rally** and **ALM**, ensuring timely closure of high-priority issues.
- Validated API specifications using Swagger before automation implementation.

## KEY ACHIEVEMENTS

- **Framework Development:** Built a reusable hybrid automation framework (Selenium + REST Assured) that reduced regression cycle time by 40%.
- **CI/CD Integration:** Automated regression runs via Jenkins pipelines, cutting down manual execution efforts by 50%.
- **API Automation:** Achieved 80% automation coverage of REST APIs, improving release confidence.
- **Defect Detection:** Identified and reported 200+ defects across web and API testing, improving product quality significantly.
- **Test Coverage:** Increased automation test coverage to 90% for core modules.
- **Collaboration:** Key contributor in Agile teams, ensuring on-time delivery with minimal defects in production.

## **EDUCATION**

- **Bachelor of Technology, Computer Science**

Amrita Sai Institute of Science and Technology, Kanchikacherla, NTR

**JUL 2016 – SEP 2020**