

RAJESH VATLURI

Automation Test Engineer

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PROFESSIONAL SUMMARY

Result-oriented **Automation Test Engineer** with around **4 years** of experience specializing in **Web and API** testing across the **SDLC & STLC**. Proven track record in delivering defect-free solutions through **Smoke, Sanity, Black Box, White Box, Functional, Regression** testing, with specific expertise in **Finacle Banking** applications. Highly proficient in architecting scalable frameworks using **Selenium Java, Playwright TypeScript, and REST Assured**. Expert in **SOAP/REST API** automation and streamlining **CI/CD pipelines** via **Jenkins**. Recipient of the **Coral Award** for excellence, with a strong commitment to **Agile** collaboration and mentoring junior QAs to maintain high-quality standards **under tight deadlines**.

TECHNICAL SKILLS

- **Automation Frameworks:** Selenium WebDriver, Playwright (TypeScript), Cucumber (BDD)
- **Testing Categories:** Manual & Automation Testing (Web & Mobile Applications), Functional, Regression, Integration, E2E, Smoke, and Sanity Testing.
- **API Testing:** RESTful API Services, REST Assured, Postman, Soap API, Backend Service Validation.
- **Languages & Web Tech:** Java, TypeScript, SQL, HTML5, CSS3.
- **CI/CD & Version Control:** Jenkins, Git, GitHub, Maven, Gradle.
- **Test Management & Agile:** JIRA, Xray, HP ALM, Agile/Scrum Methodologies, Sprint Planning.
- **AI & Productivity:** GitHub Copilot, Gemini (AI-powered coding assistance).

PROFESSIONAL EXPERIENCE

Automation Test Engineer | Cognizant | September 2022 - Present

- Developed **Selenium Java & Cucumber** frameworks for **Finacle Banking**, increasing test coverage by 50% and reducing manual regression.
- Engineered **REST Assured** API suites, achieving 95% coverage and slashing execution time from 45 minutes to under 5 minutes.
- Migrated legacy frameworks to **Playwright (TypeScript)**, enhancing test stability and improving execution speed by 50%.
- Automated 100+ end-to-end user journeys across Web and API layers with **JIRA Xray** integration and **SQL** data validation.
- Integrated automated suites into **Jenkins CI/CD** pipelines with health-check monitoring for early defect detection and faster releases.
- Optimized test strategies with reusable components, reducing maintenance by 30% while delivering high-quality solutions in **Agile** sprints.

Software Testing Intern | Cognizant | April 2022 - August 2022

- Gained hands-on experience in the **Software Testing Life Cycle (STLC)** within the Quality Engineering & Assurance practice
- Applied test automation concepts using **Selenium and TestNG** and assisted in developing/executing test cases for functional, integration, and regression testing.
- Collaborated with developers and senior testers to ensure high-quality deliverables.

PROJECTS

Discover Financial Services | Sept 2022 - Present | Hyderabad, India

- Developed a scalable Selenium framework with Java, Gradle, and Serenity BDD, improving modularity and advanced reporting for **Finacle Banking application**.
- Migrated **legacy Selenium scripts to Playwright with TypeScript & Cucumber**, boosting test execution speed and cross-browser compatibility.
- Converted UI test cases into **API automation with REST Assured**, reducing execution time by 80% and enabling automated API health checks via Jenkins.

EDUCATION

- Bachelor of Technology in Electrical and Electronics Engineering | CGPA - 8.70
VR Siddhartha Engineering College, Vijayawada, Andhra Pradesh, India - 2022