

SIBBALA POOJITHA

Software Engineer

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TECHNICAL SKILLS

Automation Tools — Selenium WebDriver, TestNG, Cucumber (BDD), WebDriverIO | **Programming** — Java | **API Testing** — Postman, Rest Assured | **CI/CD** — Maven, Jenkins | **Version Control** — Git, GitHub | **Frameworks** — POM, Hybrid, Data-Driven, BDD/TDD | **Test Management** — Jira, Rally | **Database** — SQL | **Testing Types** — Functional, Regression, Smoke, API, Integration, E2E.

PROFESSIONAL SUMMARY

Automation Test Engineer with **3+ years** of experience in designing and executing **UI & API automation** using **Selenium WebDriver (Java), TestNG, Cucumber BDD, Postman, Rest Assured**, and **SQL**. Expert in building **POM, Hybrid, and BDD frameworks**, regression automation, CI/CD pipelines using **Jenkins**, and version control with **Git**. Strong ability to analyze requirements, design reusable automation components, improve test coverage, and deliver quality releases in Agile Scrum environments.

PROJECTS

1. ExamOne Portal – Quest Diagnostics (Primary Project)

2023 – 2025
- Technologies:** Selenium WebDriver, Java, TestNG, Cucumber BDD, Postman, Rest Assured, SQL, Jenkins

Description: A web-based platform for paramedical appointment scheduling, examiner workflow management, and diagnostic report handling.

Key Contributions:

 - Developed UI automation scripts using **Selenium + Java** for multiple high-usage modules.
 - Designed & enhanced **POM/Hybrid automation frameworks** with TestNG.
 - Implemented **BDD scenarios** using Cucumber for business-readable automation.
 - Automated API workflows with **Postman & Rest Assured**.
 - Created reusable utilities, dynamic XPath, and custom wait functions.
 - Integrated automation suite with **Jenkins CI/CD** pipelines.
 - Performed **SQL validations** for backend data checks.
2. Sanofi – Tolbutrulin REMS Program (S2S / RDrxP QA)

2024 – Present
- Technologies:** Selenium WebDriver, Java, SQL, API Testing, Jira

Description: A pharmaceutical compliance and regulatory platform enabling approval workflows, patient safety checks, and prescription validation.

Key Contributions:

 - Automated high-priority test scenarios for regulatory workflows.
 - Validated patient data API responses and backend tables.
 - Performed SQL-based data integrity checks for audit workflows.
 - Participated in Agile ceremonies and ensured sprint deliverables.

PROFESSIONAL EXPERIENCE

- HCL Technologies, Software Engineer

11/2022 – Present
- Developed UI automation using **Selenium WebDriver + Java** for multiple modules.
 - Designed & enhanced frameworks using **TestNG (POM, Hybrid, Data-Driven)**.
 - Built **Cucumber BDD** scenarios aligned with business flows.
 - Automated **Regression, Smoke, System & Integration tests**.
 - Performed **API Testing** using Postman & Rest Assured.
 - Created & maintained **Postman Collections** for API workflows.
 - Authored detailed test cases and conducted peer reviews.
 - Created **dynamic XPath**, reusable methods & WebDriver utilities.
 - Integrated automation suite with **Jenkins CI/CD** pipelines.
 - Performed **SQL backend validation** for end-to-end flows.
 - Logged & tracked defects using **Jira & Rally**.
 - Improved regression execution time by **40%** through optimized scripts.

EDUCATION

MITS, Madanapalle, *B.Tech in EEE*
(80%)

CERTIFICATIONS

- International Software Testing Qualifications Board(ISTQB)
- GitHub Copilot - AI Program
- Gen AI Prompt Engineering

DECLARATION

I hereby declare that the above information is true to the best of my knowledge and belief.

Sibbala Poojitha
Hyderabad