Ritika Sinha

QA Automation Engineer

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Professional Summary

ISTQB-certified QA Automation Engineer with 4+ years of experience in designing, developing, and maintaining robust automated test frameworks for web and mobile applications. Skilled in both frontend and backend validation using Selenium, Appium, Postman, and Python. Adept at working in Agile environments, collaborating with cross-functional teams to ensure high software quality and fast release cycles.

Skills

- **Automation Tools:** Selenium WebDriver, Appium, TestNG, Pytest, Postman, JMeter

- **Languages:** Python, Java, JavaScript

- **CI/CD & DevOps:** Jenkins, GitLab CI, Docker

- **Testing Types:** Functional, Regression, API, Load, Integration, UAT

- **Others:** Agile (Scrum), Jira, Git, Allure Reports

Professional Experience

QA Automation Engineer

TestGenius Solutions, Pune

Jan 2021 – Present

- Developed and maintained an end-to-end UI automation suite using Selenium with Python for a B2B SaaS product.

- Integrated automation suite with Jenkins pipeline, enabling nightly regression runs and reducing manual testing by 80%.

- Automated REST API testing using Postman collections and Newman CLI.

- Implemented parallel test execution using Pytest-xdist, improving testing efficiency by 50%.

- Collaborated with developers and BAs during sprint planning to create and refine acceptance criteria and test scenarios.

- Reported bugs using Jira and generated weekly quality reports with Allure.

Junior QA Engineer
RapidLogic Technologies, Noida
Jul 2019 – Dec 2020

- Designed and executed test plans and manual test cases for mobile applications.

- Created Appium-based scripts to automate Android testing for login, profile, and checkout flows.

- Validated data integrity through backend API and DB testing.

- Participated in sprint demos and daily stand-ups as part of a Scrum team.

Education

B.Tech in Information Technology
Jaypee Institute of Information Technology (JIIT), Noida
2015 – 2019 | CGPA: 8.5/10

Certifications

- ISTQB Certified Tester – Foundation Level

- Selenium with Python Automation – Udemy Pro Certificate

- REST API Testing with Postman – Coursera

Projects

Automated Smoke Suite
Built a stable, modular smoke test suite that runs on each build deployment and flags major functional issues before release.

Test Coverage Dashboard
Designed a QA dashboard using Python and Google Sheets API to visualize test coverage and pass/fail trends over time.