Harsh Srivastava

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https://github.com/Harshsrivastava1997

PROFESSIONAL SUMMARY

Senior Test Automation Engineer with **4+ years** of hands-on experience designing and scaling robust **UI and API automation frameworks**. Expert in **Java, Selenium WebDriver, TestNG, Jenkins**, and **REST Assured**. Proven track record of improving **test coverage by 40%**, reducing **regression suite execution time by 30%**, and implementing a comprehensive **CI/CD pipeline**.

TECHNICAL SKILLS

- **Automation & Frameworks:** Selenium WebDriver, TestNG, REST Assured, Postman, Page Object Model (POM), Hybrid Framework, Data-Driven Testing, Keyword-Driven Testing, JUnit, Cucumber

- **Languages & Scripts:** Java, SQL

- **CI/CD & DevOps:** Jenkins, Git, GitHub, Bitbucket, Continuous Integration (CI), Continuous Delivery (CD)

- **Testing Methodologies:** Agile, Scrum, Regression Testing, Smoke Testing, End-to-End Testing, API Testing, UI Automation, Cross-browser Testing, Performance Testing

- **Tools:** JIRA, Confluence, Maven, Extent Reports, IntelliJ IDEA, Docker (basic)

PROFESSIONAL EXPERIENCE

Test Automation Engineer | Seceon Inc. | October 2020 - Present

- Architected and implemented a comprehensive **Hybrid Automation Framework** using **POM** and **Data-Driven** methodologies, serving as the foundation for all UI and API testing initiatives.

- **Increased automated test coverage from 45% to 85%** by migrating **500+ manual test cases**, leading to faster, more reliable release cycles.

- **Reduced regression suite runtime by 30%** (from 2 hours to 90 minutes) by optimizing scripts with **TestNG parallel execution** and strategic explicit waits.

- **Decreased test flakiness by over 50%** by implementing robust retry mechanisms, enhancing exception handling within the framework.

- Integrated comprehensive **Extent Reports** with screenshots on failure and logs, **accelerating bug resolution by 25%** and improving developer feedback loops.

- Developed and maintained a **REST API test suite** covering over **100 critical endpoints** using **REST Assured**, which **reduced security vulnerabilities by 15%** before deployment.

- **Streamlined CI/CD integration** by connecting the automation suite to **Jenkins** for **nightly regression runs**, enabling continuous testing and early defect detection.

- **Mentored junior engineers** and created internal technical documentation to improve team knowledge sharing and onboarding.

PROJECTS(https://github.com/Harshsrivastava1997)

- **Enhanced E-commerce Test Automation Suite:** Developed an end-to-end automation suite for an e-commerce platform using **Selenium** and **TestNG**. Implemented a scalable **POM architecture** for this

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EDUCATION

Bachelor of Technology (B.Tech), Computer Science Engineering | 2016-2020

Dr. A.P.J. Abdul Kalam Technical University (AKTU)