

ASHISH KUMAR

Senior Test Automation Engineer

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PROFESSIONAL SUMMARY

Senior Test Automation Engineer with 7+ years in QA and testing, including 4+ years building and maintaining Selenium + Java automation frameworks from the ground up (Page Object Model, reusable libraries, data-driven execution) and integrating them into CI/CD for unattended, fast-feedback regression. Established test automation as a formal practice at Acro — from initial proposal and POCs through framework, standards, and stakeholder buy-in. Strong on API automation with Rest Assured and on driving code reviews and mentoring across teams. Focused on reducing regression effort and raising release confidence through maintainable, well-architected test code.

CORE SKILLS

- **Languages & Automation:** Java, Selenium WebDriver, TestNG, Page Object Model (POM), Data-Driven Testing, Maven
- **API Testing:** Rest Assured, Postman, REST API validation
- **CI/CD & Version Control:** Jenkins, Git, automated test execution in build pipelines
- **Test Types:** Regression, Smoke, Sanity, Integration, Functional automation (plus manual/exploratory where needed)
- **Test & Defect Management:** JIRA, TFS (Azure DevOps / Team Foundation Server)
- **Database:** SQL (query-level data validation)
- **Practices:** Agile / Scrum, sprint planning, code review, framework ownership, mentoring
- **AI-Assisted Engineering:** Cursor, Claude Code, custom GPTs for test-artifact generation and code review support

PROFESSIONAL EXPERIENCE

Acro Technologies, Noida

Senior Test Automation Engineer / SDET

Apr 2026 – Present

Senior Test Engineer

Jun 2025 – Apr 2026

Test Engineer

Jan 2022 – Jun 2025

- Founded the organisation's test automation practice: identified the gap, pitched the case to management with working proof-of-concepts, secured buy-in, and stood up the domain — tooling, framework, standards, and adoption — where no dedicated automation function previously existed; progression from Test Engineer to Senior Test Automation Engineer followed as the function formalised.
- Architected and built a Selenium + Java automation framework from scratch — POM structure, reusable utilities, centralized logging, and data-driven execution — now the standard suite across 2 project teams.
- Automated regression coverage for 50+ business-critical modules, cutting regression cycle time from ~2 days of manual effort to ~3 hours of unattended execution and reducing manual regression effort by ~40%.
- Integrated the automation suite into Jenkins CI/CD to run on nightly builds and post-deployment, surfacing critical-path regressions within ~15 minutes and enabling unattended execution during build and deployment cycles.
- Defined framework standards, scripting guidelines, and review gates adopted across teams; drove down flaky-test rate and improved suite maintainability.
- Led and mentored 4 engineers through pair programming, code reviews, and structured KT sessions, shortening onboarding for new automation contributors.
- Delivered end-to-end automation and API validation (Rest Assured) for a Vendor Management System (VMS), including its Angular-based revamp; designed regression, smoke, and integration suites aligned to complex, role-based business workflows.
- Collaborated with developers and business analysts in Agile ceremonies to drive early defect detection and higher-confidence releases.

Invovay Software, Delhi

QA Engineer

Sep 2018 – Jan 2022

- Owned functional and regression testing for web-based retail solutions, building and maintaining a 700-case regression suite that caught 60+ defects pre-release each cycle and safeguarded release quality.
- Authored, executed, and maintained detailed test scenarios; reported and tracked defects to closure and validated fixes across releases.
- Partnered closely with developers to define testing strategy and safeguard product quality through each release cycle.

KEY PROJECTS

Vendor Management System — Automation & API *(Tech: Java, Selenium, Rest Assured, Angular front-end, .NET services)*

- Built UI + API automation for recruitment and vendor-onboarding workflows; validated system behaviour across multi-user, role-based scenarios and the Angular revamp.

Test Automation Framework *(Tech: Java, Selenium, TestNG, Maven, Jenkins)*

- Designed a POM-based framework with reusable components, utilities, and reporting; enabled CI-driven regression to support faster, more reliable release cycles.
- github.com/ashish-qa-automation/selenium-java-testng-framework

AI-ASSISTED AUTOMATION ENGINEERING

- Integrated AI coding assistants (Cursor, Claude Code) into day-to-day framework development for faster scripting, refactoring, and debugging; estimated ~30% improvement in delivery turnaround.
- Built custom GPTs to standardize repetitive engineering tasks — test-case generation, test-data preparation, and code-review support — while maintaining code quality and framework standards.

CERTIFICATIONS

- ISTQB Certified Tester – Foundation Level (CTFL) v4.0

EDUCATION

Master of Computer Applications (MCA) — Chandigarh University, 2025