

Rajesh Kumar

Automation Test Engineer | SDET | Java | Selenium | BDD | CI/CD | API Testing | Playwright | Gen AI Tools

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Professional Summary

Results-driven Automation Test Engineer (7+ years) with proven expertise in building and maintaining robust automation frameworks, streamlining CI/CD pipelines, and ensuring high-quality software delivery across domains. Skilled in UI & API automation, BDD frameworks, and cloud-based DevOps tools. Strong collaborator experienced in Agile environments, with a track record of reducing manual testing efforts by over 60% and improving test efficiency by 30%+. Passionate about leveraging AI-powered testing tools for next-gen QA solutions.

Core Skills

- Programming: Java (Primary), C#, Python
- Automation Tools: Selenium, Playwright, TestNG, Maven, Cucumber, SpecFlow, Rest Assured, Postman, Pytest
- CI/CD & DevOps: Azure DevOps, GitHub Actions, Git, GitLab, Jenkins
- Frameworks: BDD, Data-Driven, Hybrid, Key Data Driven (KDD)
- Databases: MySQL
- Testing Areas: UI Testing, API Testing, Regression, Functional, End-to-End, Test Strategy, Test Planning
- Other Tools: JIRA, TFS, Zephyr, Figma
- Soft Skills: Problem Solving, Critical Thinking, Agile Collaboration

Professional Experience

Tata Consultancy Services (TCS), Gurugram — Test Automation Engineer

Apr 2022 – Present

- Designed and maintained a data-driven automation framework, improving efficiency by 30% and reducing defects leakage by 20%.
- Implemented CI/CD pipelines in GitHub & Azure DevOps, increasing automation coverage by 25%.
- Enhanced reporting with Extent Reports & HTML dashboards, improving stakeholder visibility by 20%.
- Collaborated with 10+ product teams to streamline testing processes, improving accuracy and reducing manual effort by 60%.

- Automated complex functional and regression suites, significantly reducing execution time.

Key Project: MetLife Investment Transition (Banking & Financial Services)

Automated UI & API test cases using Java, Selenium, TestNG, Maven, SpecFlow, Azure DevOps, MySQL. Increased testing efficiency by 30% and application coverage by 25%.

NuageBizTech, Noida — QA Engineer

Feb 2021 – Apr 2022

- Developed manual & automated test cases for UI and API testing.
- Improved accuracy and streamlined workflows for Aspen Dental project.
- Tools: Postman, GitLab, JIRA, Zephyr, Figma.

Cargo Flash Infotech Pvt Ltd, Gurugram — Software Tester

Oct 2018 – Feb 2021

- Built & enhanced automation frameworks for Air Arabia Airline & Cargo projects.
- Conducted regression and functional automation using Java, C#, Selenium, REST Assured, SpecFlow, Azure DevOps.

Education

B.Tech in Computer Science & Engineering — R.G.P.V University, Bhopal, MP (2013 – 2017)
| CGPA: 7.71/10

Certifications

- Agile with Scrum — The Digital Adda (Credential ID: DA/ASC/24/1257, Issued Jun 2025)
- Software Testing — The Digital Adda (Credential ID: DA/ST/23/16017, Issued Nov 2024)

Achievements

- Received multiple client appreciations for test management and quick defect resolution.
- Implemented a BDD framework that improved test accuracy & efficiency by 30%.
- Improved stakeholder satisfaction by 20% through detailed reporting & test result visibility.

Target Roles

- Senior Automation Test Engineer
- SDET / QA Automation Engineer
- Test Architect / Automation Specialist