Jay Prakash Pathak

QA Tech Lead | Java, C# |Selenium, Playwright | API Testing | DB Testing

✉ jayprakashutw@gmail.com | 📱 +91-9386296049 | 📍 Noida, India

🔗 LinkedIn: https://www.linkedin.com/in/jay-prakash-pathak-269416225/

Professional Summary

QA Lead / Senior QA Automation Engineer with 10 years of experience in Automation and Manual Testing across **Insurance**, **Banking**, **CRM** and **HR** domains. Strong hands-on expertise in **C#, Selenium WebDriver, and Java Selenium framework development**.

Experienced in designing and implementing **Hybrid and BDD Automation Frameworks using SpecFlow, NUnit, TestNG, and Page Object Model (POM)**. Strong exposure to **API Testing (REST), JSON validation, SQL database testing, CI/CD integration (Azure DevOps, Jenkins), and parallel execution strategies**.

Proven track record in leading QA teams while actively contributing to automation development, reducing regression cycle time by implementing scalable test automation architecture.

Professional Skill Set

- **Automation:** Selenium, SpecFlow, NUnit, TestNG, Playwright
- **Languages:** C#, Java
- **API Testing:** REST Assured / Postman / JSON Validation
- **CI/CD:** Azure DevOps, Jenkins
- **Database:** SQL Server, MySQL
- **Frameworks:** BDD, Hybrid, Data-Driven, POM
- **Practices:** Agile, Scrum, STLC, Test Strategy, Risk Management
- **Version Control –** Git
- **Security –** OWASP, Burp Suite
- **Test Management –** Azure Board, Jira

EXPERIENCE

Primus Software Corporation — Noida, India

QA Lead / QA Engineering Lead (July 2021 – Present)

- Led end-to-end QA delivery across multiple enterprise programs, ensuring high-quality releases and adherence to timelines.
- Led team of 15 QA engineers (Automation + Manual) while actively contributing to automation codebase and framework architecture across 3 concurrent projects with 100% on-time delivery.
- Defined test strategies, release plans, and quality gates aligned with business goals.
- Integrated Automation framework with Azure DevOps pipeline enabling nightly regression execution and automated reporting.
- Acted as primary QA point of contact for stakeholders, providing risk assessments and release readiness reports.
- Reduced regression cycle time from 5 days to 2 days (60% improvement), enabling weekly releases for 5+ parallel projects.

SBS Technology — Ranchi, India

QA Automation Engineer / Senior QA Engineer (Sep 2016 – Jun 2021)

- Led QA execution and production support for multi-team programs.
- Owned test planning, estimation, and defect triage processes.
- Collaborated with clients and product teams to ensure requirement clarity and quality delivery.
- Balanced manual and automation testing to meet release priorities.
- Mentored junior testers and supported automation adoption initiatives.

PROJECT EXPERIENCE

Renovo – (Insurance Domain)
- Designed Selenium (C#) Hybrid framework with POM & BDD structure, automated 500+ regression test cases covering 85% of critical business workflows, integrated with Azure DevOps CI pipeline.
- Coordinated regression cycles and release validation across multiple environments.
- Enabled CI-driven automation execution to improve release confidence.

Consolidated Billing & Salesforce CRM
- Managed QA planning and execution for enterprise billing and CRM integration.
- Oversaw defect triage, risk tracking, and client reporting.
- Ensured data validation and end-to-end testing across multiple releases.

Claims Manager Cloud Migration
- Led QA activities for cloud migration initiative including UAT coordination.
- Collaborated with stakeholders to ensure quality delivery aligned with roadmap.

AffordIT – Banking Application
- Led automation testing using BDD frameworks and API validation.
- Implemented QA best practices to improve product stability and release cycles.

Paycor HR System
- Developed and maintained automation scripts for HR workflows.
- Contributed to framework enhancements and continuous testing efforts.

Key Achievements

- Architected and implemented scalable automation frameworks for UI, API, and integration testing, significantly improving test coverage and execution efficiency.
- Defined and executed QA strategy and quality roadmap aligned with product vision, enabling predictable and high-quality releases.
- Embedded automated test suites into CI/CD pipelines, enabling continuous testing and accelerating release cycles.
- Built and led high-performing QA teams of up to 10 engineers, fostering automation adoption and improving delivery productivity.
- Established robust quality governance practices including test data strategy, defect lifecycle management, and release readiness processes.

EDUCATIONAL QUALIFICATION

- MCA -C.V. Raman University (Bhopal) 2016 Batch

Tools & Environment

- Selenium, C#, Java, SpecFlow, NUnit, Azure DevOps, SQL Server, Postman, RestSharp, RestAPI