

YASH VERMA

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PROFESSIONAL SUMMARY

Results-driven **QA Automation Lead** with **6.5 years** of experience in designing and scaling robust automation frameworks across **Health Insurance, FinTech, and E-Commerce** sectors. Proven track record in leading high-performing teams, reducing regression cycles by **60%**, and achieving up to **85% automation coverage** using **Playwright, Selenium, and CI/CD** integrations. Expert in **Shift-Left testing** and **API automation** to drive product quality and accelerate delivery.

CORE COMPETENCIES

Automation Frameworks: Playwright (TS/JS), Selenium (Java), Cypress, Page Object Model (POM).

CI/CD & Tools: Jenkins, GitHub Actions, Maven, Git, TestNG, JUnit.

Leadership: Team Mentoring (6+ members), Test Strategy, Agile/Scrum, Stakeholder Management.

API & Backend: REST Assured, Postman, SQL, MySQL, API Automation.

Performance & BDD: JMeter, Cucumber BDD, Gherkin.

PROFESSIONAL EXPERIENCE

Star Health and Allied Insurance | **QA Automation Lead**

July 2022 – Present

- Framework Strategy:** Designed and implemented a scalable **Playwright + TypeScript** automation framework from scratch, increasing automation coverage from **30% to 85%**.
- Efficiency Optimization:** Reduced regression execution time by **60%** through parallel execution implementation and optimized CI/CD pipelines.
- API Automation:** Built a comprehensive backend testing suite using **REST Assured**, resulting in a **70% increase** in backend test coverage.
- Continuous Delivery:** Integrated automated suites into **Jenkins CI/CD**, delivering real-time reporting and nightly executions for high-velocity releases.
- Leadership & Impact:** Mentored a team of **6 QA engineers**, established automation best practices, and reduced production defects by **45%** through **Shift-Left** strategies.

XYZ Technologies | **Senior QA Automation Engineer**

March 2019 – June 2022

- Foundation Building:** Developed a **Selenium Java** framework using **TestNG and Maven**, automating **500+ critical test cases** for core web applications.
- Stakeholder Alignment:** Integrated **Cucumber BDD** to bridge the gap between technical and business requirements, ensuring 100% readable test specifications.
- Operational Efficiency:** Reduced manual testing effort by **65%** by automating repetitive smoke and regression suites.
- Backend Testing:** Performed detailed API validations using **Postman** and **REST Assured** to ensure data integrity across microservices.

KEY PROJECTS

Health Insurance Policy Platform

Automated end-to-end policy purchase, claim processing, and renewal workflows using **Playwright & TypeScript**.

Developed reusable test utilities, custom fixtures, and interactive reporting dashboards for executive visibility.

[Playwright](#), [TypeScript](#), [Jenkins](#), [GitHub Actions](#)

FinTech Loan Processing Platform

Designed and executed a **Selenium + Java** suite for high-risk loan approval and disbursement workflows. Implemented backend validations via **REST Assured** and **MySQL** to prevent financial data discrepancies.

[Selenium](#), [Java](#), [REST Assured](#), [MySQL](#)

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science

UPTU University | 2016

CERTIFICATIONS

ISTQB Certified Tester (CTFL)

Professional Scrum Master (PSM I)

Selenium Advanced Automation