

# SHIVANG THAKUR

SDET Automation Test Engineer

+91-9878791170 | Shivangthakurqa@gmail.com | Hamirpur, INDIA | Experience: 8 Years 1 Month |  
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## Profile summary

Senior SDET / Automation Engineer with 8+ years of experience in manual and automated testing of web, API, and backend systems. Expertise in Java-based frameworks including Selenium, Cucumber (BDD), Serenity, TestNG, and API testing with REST Assured and Postman. Skilled in backend and database validation (JDBC/SQL) and comprehensive end-to-end testing across UI, services, and data layers. Proficient in Spring Boot service testing, REST endpoint automation, and distributed systems. Experienced in CI/CD integration using Jenkins to improve automation reliability and accelerate delivery. Strong leadership, mentoring, and Agile test strategy abilities. Seeking Senior SDET roles in product-focused organizations.

## Skills

Manual Testing, Cucumber, Ci/Cd, Selenium, Communication Skills, Java, Playwright, Python, Spring Boot, Selenium Webdriver, Testng, Rest Assured, SDET, Jenkins, Docker, SQL, Selenium Grid, QA Automation

## Work Experience

SDET Automation Test Engineer — Skilled Pragati Private Limited

Sep 2021 - Dec 2025

Worked as a Senior SDET with strong hands-on experience in manual, automation, API, and backend testing for enterprise and product-based applications. Primarily responsible for designing, implementing, and maintaining Java-based automation frameworks using Selenium WebDriver, Cucumber (BDD), Serenity BDD, TestNG, and REST Assured.

Actively involved in end-to-end system testing, validating complex workflows across UI, REST APIs, backend services, and databases to ensure data consistency and business rule accuracy. Performed extensive API testing using REST Assured and Postman, including functional, negative, and integration scenarios. Conducted database validation using JDBC/SQL to verify backend data integrity.

Worked closely with development teams on Spring Boot—based services, validating business logic and service integrations. Created and exposed REST endpoints to support automation workflows running on separate servers and enabled seamless communication between automation scripts and backend services.

Integrated automation suites into CI/CD pipelines using Jenkins, enabling automated execution on builds and regression cycles. Improved automation stability by identifying and fixing flaky tests, enhancing synchronization, and implementing robust logging and reporting mechanisms. Actively participated in release validations and production support activities, including root cause analysis of production defects and preventive measures.

Performed exploratory testing on high-risk and newly developed features to uncover edge cases not covered by automation and converted critical scenarios into automated tests. Ensured defect leakage reduction through early involvement, risk-based testing, and comprehensive regression coverage.

Alongside hands-on technical work, handled QA leadership responsibilities, including mentoring junior engineers, reviewing automation code, defining test strategies, planning regression cycles, and coordinating with cross-functional stakeholders in Agile/Scrum environments. Maintained a strong IC-heavy profile while contributing to team-level quality improvements.

Seeking Senior SDET / Automation Engineer / Backend QA roles in product or platform-driven teams where strong automation, API, backend testing, and system-level quality engineering skills can deliver measurable impact.

Quality Analyst — Chrishan technologies

Oct 2018 - Aug 2021

- Executed comprehensive functional, regression, and automation testing for a mortgage processing platform across Web, iOS, and Android, enhancing system reliability and user experience.

- Validated critical loan application workflows, document upload features, and approval processes, reducing processing

errors by 15%.

- Conducted detailed testing of healthcare management systems, including patient records, caregiver interactions, appointment scheduling, billing, and discharge workflows.
- Performed end-to-end functional, regression, and sanity testing across multiple healthcare modules, increasing system stability and regulatory compliance by 20%.

**Quality Analyst — Appsysco IT services**

**Feb 2018 - Sep 2018**

- Conducted comprehensive manual and initial automation testing on CRM-based web applications to support employee, employer, and contractor operations.
- Executed detailed onboarding and workflow validation tests, enhancing application reliability and user experience.
- Collaborated with cross-functional teams to identify and resolve critical defects, improving system performance by an estimated 20%.

**Projects**

**Life Beat**

**151 Days**

Application to calculate BMI and to store daily activity data.

**Education**

**B.Tech/B.E. - Bachelor of Technology / Engineering | Computer Science and Engineering (CSE)**  
Chitkara University, Patiala  
Grade - 6.02/10

**2015**

**12th**  
Himachal Pradesh, English  
Marks - 69.9%

**2011**

**10th**  
Himachal Pradesh, English  
Marks - 82.85%

**2009**

**Additional information**

**Languages:** Hindi, English