

Shashank Kumar *Senior Software Engineer - Testing*

✉ shashankkumar648@gmail.com

☎ 9709733800

📍 Bangalore, India

🌐 shashank-kumar-341a5a160

🔗 github.com/Shankymoti



Summary

Senior Software Engineer in Testing with **4.8+ years** of experience in **Manual, Automation, and API Testing**. Proficient in **Java Selenium test automation, API automation, and CI/CD integration**, with expertise in frameworks like **Selenium WebDriver, TestNG, Cucumber, RestAssured**. Strong analytical and problem-solving skills with a focus on **test coverage and efficiency**.

Technical Skills & Tools

- **Automation & Manual Testing:** Selenium, TestNG, BDD (Cucumber, Gherkin), POM, XPath, Rest Assured, Postman
- **Programming:** Core Java, JavaScript, OOPs (Encapsulation, Inheritance, Polymorphism)
- **DevOps & CI/CD:** GitHub, Jenkins, GoCD, Rancher, ArgoCD, Maven
- **Testing Types:** Functional, Integration, System, Regression, Smoke, API Testing
- **Bug Tracking & IDEs:** Jira, IntelliJ IDEA, Eclipse
- **Operating Systems:** Linux (commands for server-side debugging and log analysis)

Roles & Responsibilities

- **Test Automation & Framework Development**
 - **Architect, design, and maintain** scalable and reusable **test automation frameworks** using **Selenium WebDriver, TestNG, Cucumber, and RestAssured** to enhance testing efficiency and reduce manual intervention.
 - **Implement structured automation techniques** like the **Page Object Model (POM)** for better code maintainability and **Behavior-Driven Development (BDD) using Cucumber and Gherkin** to improve test readability and collaboration with non-technical stakeholders.
 - **Enhance framework capabilities** by integrating **data-driven, keyword-driven, and hybrid approaches**, making automation more robust and adaptable to different testing scenarios.
 - **Optimize test execution and reporting** by implementing **parallel execution, logging mechanisms, and customized reporting** for better analysis of test results.
- **API & Functional Testing**
 - Perform **API testing** using **Postman, RestAssured**, and automate API validation.
 - Validate API responses, request methods (GET, POST, PUT, DELETE), and status codes.
- **CI/CD & DevOps Integration**
 - Integrate automation scripts with **Jenkins, GitHub, GoCD, Rancher, and ArgoCD** for continuous testing.
 - Ensure **seamless test execution** in CI/CD pipelines.
- **Defect Management & Debugging**
 - Track, report, and manage defects using **Jira**.
 - Perform **log analysis and debugging** using **Linux commands** for server-side validation.

Experience

2025/04 – Present
Bangalore

Senior Quality Engineer

Tavant Technologies pvt ltd. Bangalore

- Developed and executed **API automation test scripts** using **Rest Assured & Java**.
- Implemented **BDD Cucumber framework** to enhance test maintainability and readability.
- Designed and executed **web automation scripts** using **Selenium WebDriver and Java**.
- Built and maintained **Page Object Model (POM) frameworks** to improve reusability and scalability.

- Collaborated in an **Agile environment** with developers and product teams for early defect detection.
- Performed **SQL queries** to validate database integrity and API responses.
- Created **test cases and test scripts** ensuring comprehensive test coverage.

2021/05 – 2025/03
Bangalore

Senior Software Engineer - Testing

Zycus InfoTech, Bangalore

- **Managed** the creation of a **hybrid automation framework**, making testing more efficient.
- Built and ran **300+ automated test scripts** for web and API testing.
- Improved **bug detection by 30%** using **Jira** for better tracking and reporting.
- Made software more reliable by setting up **continuous testing in Jenkins**.
- Identified and fixed **50+ critical production issues** through server-side data analysis.
- Helped plan **test strategies**, ensuring smooth **quality assurance in agile development**.
- Worked closely with different teams to **enhance test coverage and improve processes**.

Projects

2025/04 – Present

Project Name : Enact

- **Domain:** Banking / FinTech
- **Client:** FinTech
- **Application:** Enact is Tavant's **AI-powered digital lending platform**, designed to streamline mortgage lifecycle management (loan origination, processing, underwriting, and servicing).
- **Description:** Enact enables lenders to automate loan processing workflows, ensure compliance, and enhance customer experience with real-time data validation and seamless integrations.

Project Name : Zycus Supplier Network (ZSN)

- **Domain:** Procurement
- **Clients:** Porsche, Heineken, Monash Health, PWC, H&M, SM Group, Delta Air Lines, Stanwell, etc.
- **Application:** Zycus Supplier Network (ZSN) – a procurement platform that enables seamless buyer–supplier collaboration through **cXML/JSON** data exchange.
- **Product Description:** ZSN is an advanced procurement solution designed to simplify workflows, streamline supplier collaboration, and optimize supply chain efficiency through seamless transactions and real-time data exchange.

Education

- **B.Tech in Computer Science & Engineering** – Rajasthan Technical University, Jaipur | **71%**
- **Higher Secondary Education (HSC)** – St. Xavier's College, Ranchi | **80%**

Certifications & Achievements

- **Star Performer of the Month (5x)** at Zycus for agility and customer focus
- **Monthly Individual Goody Award** for outstanding performance in testing and automation
- Improved test coverage by **40%**, leading to a **20% reduction in post-release defects**
- Spearheaded the adoption of automation in API testing, reducing manual effort by **50%**
- Provided mentorship to junior testers, enhancing overall team productivity