

PURVI AGARWAL

Sr. SDET - 8 years of experience

OVERVIEW

An experienced and a results-driven senior SDET with 8 years of hands-on experience in designing, developing, and executing robust test automation frameworks for web & API layers. Proven expertise in test automation, QA strategy, and continuous integration across Agile environments. Skilled across leading tools and technologies with deep understanding of testing principles. Strong background in functional testing, with a focus on delivering high-quality, scalable software. Excellent problem-solving, communication, and collaboration skills, with a consistent record of improving test coverage, reducing defects in production, and enhancing QA processes through automation and best practices.

SKILLS	TOOLS AND TECHNOLOGY EXPOSURE
<p>Test Platforms - Web, API</p> <p>Strengths - Test Planning, Team Collaboration, Effective Communication, Quality Advocacy, Cross-functional Collaboration</p> <p>Domain: Commerce, Education, Media and Publishing, Supply Chain Risk Management</p>	<p>Languages: Java, Javascript, Typescript Project Management: JIRA API Testing: Rest Assured Databases: SQL, Schema Analysis, Data Validation CI/CD: Jenkins, Bitbucket, Git SCM: Git Automation frameworks: Selenium, Playwright, Rest Assured AI Tools: Cursor</p>

CIN: U72200KA2014PTC075831

WORK EXPERIENCE

Org: TestVagrant Technologies Pvt. Ltd.

Project: Resilinc

Worked as a senior engineer leading a team of 3 QAs delivering exceptional quality and performing DevOps duties within the team.

Responsibilities & Achievements:

- Analyzed complex **supply chain database schemas (DDL)** to understand data relationships across suppliers, parts, sites, customers, and risk signals in the absence of formal documentation.
- Performed **API testing (REST)** to validate data accuracy, integrity, and business rules across multiple Resilinc modules.
- Conducted **UI and backend data validation**, ensuring consistency between frontend views and underlying database records.
- Reviewed and validated code changes (PRs) from team members to ensure quality, correctness, and adherence to business logic.
- Assisted in guiding team members by explaining **Resilinc's business workflows and data model**, acting as a functional knowledge resource.
- Coordinated with **product managers, developers, and stakeholders** to clarify requirements, identify risks early, and align on quality expectations.
- Increased team productivity through **clear ownership, mentoring, and review practices**.
- Used **Cursor AI** to accelerate code understanding, test automation, debugging, and refactoring while maintaining high quality standards.
- Applied AI-assisted development practices to improve team productivity and reduce delivery timelines.

Project: Atlassian

Worked as a senior engineer delivering exceptional quality and performing test consulting duties within the team.

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Responsibilities & Achievements:

- Conducted functional, regression, and performance testing across diverse applications.
- Designed and executed comprehensive test plans and test cases based on Atlassian product requirements for commerce platform
- Worked closely with developers, product managers, and UAT teams in Agile/Scrum environments to ensure high-quality deliverables.
- Managed and triaged defects using Jira, ensuring timely resolution and accurate tracking.
- Actively participated in Agile/Scrum processes, including daily stand-ups, sprint planning, and retrospectives, collaborating effectively with cross-functional teams.
- Contributed to test coverage reports and quality metrics for sprint reviews and retrospectives.
- Created and maintained test documentation, test data, and QA best practices in Confluence.
- Played a key role in improving sprint velocity by **25%** by integrating automated test cases into Bitbucket CI/CD pipelines.
- Recognized for enhancing test traceability and reusability by organizing test assets in Zephyr/Jira.

Org: QA Infotech Pvt. Ltd. Noida

Project: Politico

Responsibilities & Achievements:

- Developed and executed comprehensive test plans and cases for various projects, improving automation processes and reducing manual efforts by 40%.
- Automated test scripts using Selenium ,Java , Maven, TestNg and integrated with CI/CD pipelines.
- Automated the native mobile application for both android and IOS platform using appium
- Documented and tracked bugs using JIRA, working closely with development teams to resolve issues.
- Participated in Agile/Scrum processes, contributing to daily stand-ups, sprint planning, and retrospectives.

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- Streamlined CI/CD pipelines, resulting in a 20% faster deployment process and increased test coverage by 30%.

Project: Harvard Business Publishing

Responsibilities & Achievements:

- Developed and executed test plans and cases for the UI, increasing automation coverage by 50% and reducing defect leakage into production by 15%.
- Automated test scripts using Selenium and integrated with CI/CD pipelines.
- Responsible for designing automation framework and test flows for frontend features.
- Documented and tracked bugs using JIRA.
- Participated in Agile/Scrum processes, working closely with cross-functional teams to ensure comprehensive coverage.
- Successfully mentored junior QA analysts, enhancing overall team productivity by 20%.