

RITIKA JOSHI

Software QA Engineer | SDET

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PROFESSIONAL SUMMARY

QA Engineer with 2 years of experience testing healthcare software across web and API layers. Skilled in Playwright, Selenium, manual validation, and Azure DevOps CI/CD integration. Proven impact includes improving test coverage by 8% and reducing production defects by 10% through scalable automation, strong regression practices, and cross-functional collaboration.

TECHNICAL SKILLS

- **Automation & Testing Tools:** Playwright, Selenium WebDriver, Selenide
- **Programming Languages:** Java, Kotlin (Intermediate), JavaScript, TypeScript (Basic)
- **API Testing:** Postman (Basic), REST API validation
- **Test Practices:** Test case design, test planning, regression testing, smoke testing, automation framework development
- **CI/CD & DevOps:** Azure DevOps pipelines, test integration
- **Bug Tracking & Collaboration:** Jira, Agile/Scrum
- **Domain Expertise:** Healthcare application testing, data validation, functional testing

PROFESSIONAL EXPERIENCE

Software QA Engineer / SDET

March 2024 - Present

Deerhold Nepal - Kathmandu, Nepal

- Increased automated test coverage by 8% by expanding test suites and strengthening test design for healthcare web applications.
- Reduced production defects by 10% through stronger manual validation, targeted regression testing, and earlier defect detection.
- Migrated the automation framework from Selenide (Kotlin) to Playwright (TypeScript), improving performance and maintainability.
- Built reusable automation frameworks from scratch to support efficient execution, easier debugging, and long-term scalability.
- Developed and maintained automated test scripts for critical web workflows using Selenium and Playwright.
- Performed API testing with Postman and validated healthcare endpoints, responses, and data accuracy.
- Integrated automated tests into Azure DevOps CI/CD pipelines to enable continuous testing and faster release feedback.
- Authored test cases, test plans, and QA documentation aligned with business and functional requirements.
- Collaborated with developers, product owners, and QA teammates in an Agile/Scrum delivery environment.
- Managed the defect lifecycle in Jira, ensuring timely triage, tracking, and resolution of issues.
- Improved test reporting and dashboard visibility to support faster debugging and clearer stakeholder communication.

INTERNSHIP EXPERIENCE

Frontend Intern

2023 - 2024

Softech Foundation

- Designed and developed responsive, cross-browser web applications using HTML, CSS, and JavaScript based on UI/UX wireframes.
- Performed manual testing and UI validation to verify functionality, usability, and cross-browser compatibility.
- Identified and reported UI/UX defects, improving overall application quality and user experience.
- Collaborated within an Agile team through sprint planning, stand-ups, code reviews, and shared delivery workflows.
- Used Git for version control to support collaboration, feature integration, and bug fixes.
- Gained foundational exposure to QA practices and testing workflows, building a strong base for automation and quality engineering.

EDUCATION

Bachelor of Science in Computer Science and Information Technology (BSc CSIT)

2019 - 2023

Orchid International College - Kathmandu

+2 (Science)

2017 - 2019

Trinity International College - Kathmandu

TRAINING

QA Training

2023

Vrit Technologies

- Completed hands-on training in manual testing, including test case design, execution, and defect reporting.
- Built automation testing skills using Selenium WebDriver and strengthened understanding of automated test workflows.
- Performed performance testing using JMeter to analyze application behavior under load.
- Conducted API testing with Postman and validated backend data using SQL queries.
- Used Jira for bug tracking and test management, supporting an efficient defect lifecycle process.
- Strengthened knowledge of QA methodologies, including functional, regression, and end-to-end testing.

PROJECTS & ACHIEVEMENTS

Automation Framework Development

- Built a scalable test automation framework from scratch, improving maintainability, reusability, and execution efficiency.

Test Reporting Enhancement Initiative

- Redesigned automation test reports for better readability and insights, improving team productivity and debugging speed.

LANGUAGES

English, Nepali