

Charu Yadav

📞 9877805713 — ✉ charuyadav988@gmail.com — 🌐 Charu Yadav — LinkedIn — 🏠 GitHub

Summary — Software Development Engineer in Test (SDET) with 3+ years of experience in automation testing, test framework development, and CI/CD integration. Proficient in Java, Selenium, TestNG, JUnit, REST Assured, and API Testing. Skilled in designing robust automation frameworks for web and API testing to ensure high-quality software delivery.

Skills

Languages: Core Java

Frameworks: Selenium Framework, TestNG, Hybrid Framework, BDD Cucumber, TDD

Tools: Eclipse IDE, JIRA, Selenium, GitHub, Maven, Postman

Testing methodologies: Automation testing, API testing, Manual Testing, Functional Testing, Web Service Testing

Software methodologies: AGILE Methodologies and Scrum processes

CI/CD Tool: Jenkins

Build Tools: Maven

API Testing: Postman, REST Assured, SOAP UI

Version Control: Git

Experience

Infosys - Systems Engineer

Jun 2021 - present

- Detail-oriented software testing professional with 3.8 years of experience in Automation and Manual testing, specializing in the HR domain (Talent Acquisition). Skilled in test case design, defect tracking, and guaranteeing software quality through comprehensive testing methodologies.
- Automated Testing: Designed and developed robust automation test frameworks using Selenium WebDriver and TestNG for functional and regression testing. Created and maintained automated scripts for web applications, reducing manual testing time by 50%.
- Performed integrated functional tests that encompassed over 15 distinct components within applications which resulted in identifying key issues prior to deployment phases—maintaining zero post-launch defects reported from the client side.
- Expertise in software development and automation framework design using Java 8, JUnit, Selenium, Cucumber, SoapUI, REST, JSON and XML.
- Knowledge in Automation Testing Tools like Selenium Web Driver.
- Identified and implemented object locators for 50+ web pages, utilizing Page Factory to enhance test automation structure, maintainability, and execution efficiency by 30%.
- Agile Process: Participate actively in Agile ceremonies, including sprint planning, daily stand-ups, and retrospectives, providing testing updates and addressing any impediments.
- Regression Testing: Streamlined comprehensive regression testing on 15 software enhancements and bug fixes, delivering zero disruption to existing functionality while maintaining a high standard of quality for user experience across all application modules.
- Reduced test execution time by 70%, cutting down testing cycle time from 10 days to 3 days.
- Hands-on experience with CI/CD pipelines, verifying seamless test automation integration for continuous delivery.
- Integrated test automation into CI/CD pipelines using Jenkins, enabling continuous testing and facilitating faster feedback for development teams.
- Revamped cross-browser testing using Selenium Grid to ensure consistent user experience across different browsers and devices.
- Designed Traceability Matrix to map 100% of business requirements with test cases, confirming complete test coverage and requirement validation.
- Experienced in web service and API testing using Postman, with strong programming upholding robust validation, functional correctness, and seamless integration of APIs.
- Performed Cross Browser testing using Automation through Selenium on Web based (Browser) application.
- Good Exposure to write Test Script by using Page Object Model with Data driven framework.
- Good Experience in Build Management Tool which is Maven for the Data Driven Framework.
- Identified, documented, and tracked 50+ bugs and issues using JIRA, collaborating with the development team to resolve 95% of issues before production release for quality assurance.
- Proficient in test case design, test execution and test suites, bug tracking, test scenarios and reporting to ensure high-quality software delivery with managed tasks using Jira.

Projects

Product - Talent Acquisition

Aug 2021 - Present

- Analyze Business Requirement Documents (BRD) to develop comprehensive Test Plans
- Conduct Functional Testing, Regression Testing, and Sanity Testing on the application to ensure stability And quality.
- Developed a custom automation framework using Selenium and Cucumber (BDD).
- Implemented Page Object Model (POM) for scalable test scripts.
- Integrated automated tests with Jenkins for CI/CD, reducing manual effort by 40%, and implemented Extent Reports for detailed logging and improved test reporting efficiency.
- Prepare and maintain a Defect Sheet, and actively discuss identified issues during daily calls with Developers And the IT Team
- Perform User Acceptance Testing (UAT) support by assisting stakeholders in verifying that the system and familiarity with Agile frameworks.
- Managed and organized 500+ test case sheets and defect sheets, ensuring 100% traceability and proper mapping to meet business requirements efficiently.
- Effective communication and negotiation skills for delivering automated test solutions to development and QA teams.

Education


MBA(Human Resource)
Feb 2021-Feb 2024

Lovely Professional University,Punjab
8.0 CGPA

Bachelor of Science(Computer Science)
Jul 2017-Nov 2020

Banarsi Dass Arya College,Punjab
68.04%

Languages

 English - Business Competence