Priyanka Verma

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PROFILE

Certified ISTQB Quality Assurance Engineer with expertise in **manual and automation testing**. Skilled in functional, integration, regression, exploratory and system testing for web applications. Proficient in developing test strategies, test plans, automated test scripts, automation frameworks and managing defects within Agile/Scrum environments.

PROFESSIONAL SUMMARY

- Well-versed in **test automation** using **Python**, **Selenium** Webdriver**, Pytest, Behave** and **Cucumber.**
- Experience in developing a detailed technical understanding of client needs and project requirements by reviewing Business Requirement Document **(BRD).**
- Proficient in designing test **scenarios,** test **cases,** test **strategies,** test **plans** and test **suites** for **integration, system** and **acceptance testing.**
- Experience in collaborating with Solution Analysts to review and analyse **Software Requirements Specifications (SRS).**
- Skilled in defect **triage**, detailed defect **reports,** progress and test **summary reports.**
- Hands-on experience with Test Management Tools including **Jira, TestRail** for defect tracking, reporting and efficient test planning.
- Proficient in Continuous Integration using **Jenkins** and Version Control Systems **(Git/GitHub)**.
- Hands-on experience with API Testing using **Postman** and Python.
- Experience in performance testing using **JMeter**.
- Well-versed in **functional, regression, performance, smoke, usability** and **user acceptance** testing ensuring high software reliability and user satisfaction.
- Skilled in writing and executing **SQL** queries to validate data integrity.
- Currently learning **Security Testing** methodologies.
- Solid understanding of **financial statements, accounting principles and financial reporting** acquired through academic study in Business and Accounting.

BUSINESS AND TECHNICAL EXPERTISE

Automation Testing Tools:	Selenium WebDriver, Postman, JMeter
Automation Frameworks:	Pytest, Behave, Cucumber, Data driven, Page Object Model(POM)
CI/CD & Version Control:	Jenkins, Github
Databases & Backend Testing:	MySQL, SQL
Development & Scripting Language:	Python
Test & Defect Management Tools:	TestRail, Jira
Operating Systems:	Linux/Unix, Windows, MacOS
Integrated development environment (IDE):	PyCharm
Methodologies, Frameworks:	Agile/Scrum, Waterfall, SDLC, STLC.
Business and Accounting:	Financial statements, accounting principles, Bookkeeping, Ledger.

EDUCATION & CERTIFICATIONS

ISTQB Certified Tester - Foundation Level
Post Graduate Diploma in Supply Chain Management, Northern College at Purées Campus Toronto, Canada (2021)
Masters of Business Administration (MBA) in International Business, PCTE College, India (2018)
Bachelor of Commerce in Business and Accounting, Panjab University, India (2016)

CAREER SUMMARY

Climate4 Labs, Quality Engineer II   **June 2024 – present**
Toronto, Canada .
- Executed testing methodologies including manual, automated, regression, smoke, functional, end-to-end and usability testing.
- Performed API testing using Python and Postman validating functionality and performance of web services.
- Collaborated with development teams to implement hotfixes and conducted thorough defect tracking with detailed documentation.
- Designed and built an end-to-end test automation framework from scratch using Selenium, Pytest, and BDD (Behave, Cucumber).
- Led testing efforts for patch, minor and major releases by developing and executing detailed test plans to validate new features and fixes.
- Conducted performance testing using JMeter, analyzing system performance and identifying bottlenecks.
- Integrated TestRail with Jenkins enabling automated test result updates for efficient test management.
- Created and reviewed test designs, test processes, test cases and test data.
- Configured and maintained test environments, verified deployments in staging and production environments.
- Executed SQL queries to validate database integrity using MySQL client and Python scripts for backend testing.
- Actively participated in Agile ceremonies including daily stand-ups, sprint planning and retrospectives ensuring team collaboration and continuous improvement.

Climate4 Labs, Quality Analyst   **June 2021 – June 2024**
Toronto, Canada
- Coordinated User Acceptance Testing (UAT) by working closely with business stakeholders to ensure the software meets end-user requirements and is ready for deployment.
- Identified and prioritized test scenarios and test cases based on risk and business impact.
- Collaborated with developers and stakeholders to ensure quality meets functional and user expectations.
- Documented test cases and results using JIRA and TestRail to maintain traceability and transparency.
- Actively participated in peer reviews of test plans and test scripts enhancing the quality assurance process.

Full Time Student, Post Graduate Diploma   **July 2019 - June 2021**
Toronto, Canada
- Relocated to Canada in August 2019 and prepared for postgraduate studies.
- Pursued Post Graduate Diploma at Northern College, Toronto (September 2019 – April 2021).
- Completed Udemy software testing certifications and started preparing for ISTQB certification.

Teckedge Info Pvt Ltd, Quality Assurance Analyst   **June 2018 – July 2019**
Ludhiana, India
- Designed and executed manual test plans and test cases based on product requirements and user stories.
- Gained hands-on experience in automation testing tools like Selenium, supporting the transition from manual to automated testing processes.
- Utilised Agile methodology in conjunction with Jira and Jenkins to streamline workflows.
- Evaluated test results against acceptance criteria and provided weekly reports on assigned tasks.
- Conducted regression testing to ensure new features and updates did not adversely affect existing functionality.
- Conducted black box and white box testing to evaluate both functional and structural aspects to identify critical issues early in the development cycle.