

HARMANJEET SINGH PMP, ISTQB, Snowflakes Certified

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PROFESSIONAL SUMMARY

Experienced QA Professional with 9+ years in Software Testing, delivering high-quality web, data, and CRM applications across multiple domains. Specialized in Automation, Manual, API, and CRM Testing, with deep expertise in tools like Selenium, Playwright, Postman, Swagger, Jira, and CI/CD pipelines. Certified PMP and ISTQB, with strong experience in Agile methodologies, test planning, stakeholder communication, and leading QA teams. Proven ability to drive testing initiatives from planning to execution and final sign-off, ensuring timely and high-quality releases.

CERTIFICATIONS

- PMP – Project Management Professional (PMI)
- ISTQB – Certified Tester Foundation Level
- Snowflakes Core Pro

TECHNICAL SKILLS

Testing Types: Functional, Regression, Smoke, UAT, API Testing, CRM Testing, End-to-End, Data

Automation Tools: Selenium WebDriver, Playwright

API Tools: Postman, Swagger, REST Assured

CRM Platforms: MS Dynamics

Test Management: Jira, Zephyr, Confluence

CI/CD Tools: Jenkins, GitLab CI/CD, Azure DevOps

Cloud/Data: Snowflake

Languages/Scripting: Java, JavaScript, Python, C#, SQL

Others: ADP, Test Planning, Monitoring & Control, Stakeholder Communication, Agile/Scrum

PROFESSIONAL EXPERIENCE

Senior QA Analyst

Environics Analytics | April 2024 - Present

- Led test strategy and execution for CRM projects, including Salesforce and MS Dynamics integrations.

- Designed and implemented automated and manual test cases for web and CRM modules.
- Built scalable automation frameworks using Selenium and Playwright, reducing manual regression cycles.
- Verified data integration, data fetching at front end, ETL process on MySQL and Snowflakes Database by running SQL queries.
- Validated RESTful APIs with Postman and defined API schema using Swagger.
- Integrated test suites into CI/CD pipelines and monitored builds via Jenkins.
- Drove Agile ceremonies, sprint planning, and retrospectives as QA lead.
- Acted as a liaison between QA, Dev, and Business teams for test sign-off and stakeholder reporting.
- Tools and Env: JavaScript, C#, Selenium, Playwright, Postman, Snowflakes, MySQL, ADO, Miro

Lead QA Analyst

YDC Pro | Client: Equifax | Sept 2020 - Dec 2023

- Collaborated with cross-functional teams to define test scope, execution strategies, and quality metrics.
- Assisted in project planning, created detailed schedules and resource allocation plans aligned with business priorities.
- Participated in technical feasibility discussions with product managers and developers.
- Conducted manual and automated functional, regression, and system testing on web and backend applications.
- Performed data testing in GCP and AS400 database using SQL queries.
- Created and maintained test documentation, including test plans, traceability matrices, and test cases.
- Supported program reporting for senior leadership, flagging risks and proposing mitigation plans early in SDLC.
- Managed defect lifecycle using Jira, collaborating with developers for timely fixes.
- Tools and Env: Java, Python, Selenium, TestNG, MySQL, Query Surge, Jira, Swagger, Confluence, GCP

QA Analyst

Quventix Solution | Dec 2016 – Aug 2020

- Managed end-to-end test planning, test case design, and execution for multiple software releases.
- Collaborated with PMs and developers to scope validation efforts and define technical feasibility.
- Created automation scripts using Selenium, reducing regression testing time by 50%.
- Oversaw defect lifecycle management in Jira with developers to ensure timely resolution.
- Tools and Env: Java, Selenium, TestNG, Jira

PROJECT HIGHLIGHTS

- CRM Implementation Project: Led QA for CRM rollout, validating workflows, triggers, custom objects, and user access controls.
- E2E testing: Tested end-to-end flows between core systems and APIs.
- Automation Suite: Built Playwright-based framework for functional and regression tests.
- Snowflake Data Testing: Automated Snowflake data validation for large-scale ETL projects.

EDUCATION

- PG Diploma in Cloud Computing, 2022
- Masters in Engineering, 2016
- Bachelors in Engineering, 2014

PROFESSIONAL ATTRIBUTES

- Strong leadership and team coordination skills
- Effective communicator with technical and business stakeholders
- Detail-oriented with a focus on continuous improvement
- Agile mindset with a passion for delivering quality at speed

RESEARCH PAPERS PUBLISHED

- A novel energy-efficient ICI cancellation technique for bandwidth improvements through cyclic prefix reuse in an OFDM system -
<https://link.springer.com/article/10.1631/FITEE.1601333>
- Design of a novel hybrid intercarrier interference mitigation technique through wavelet implication in an OFDM system -
<https://www.sciencedirect.com/science/article/pii/S2352864816300876>
- A Novel Hybrid ICI Cancellation Technique for OFDM Optimization -
<https://ieeexplore.ieee.org/document/7453374>

HOBBIES

Professional Wrestler – Compete at national level in India and Canada.