

Navdeep Kaur
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Portfolio: [QA Portfolio](#)

PROFESSIONAL SUMMARY

Experienced Software QA Engineer with 8 years of expertise in manual and automated testing. Proficient in developing automation frameworks, executing test plans, and performing functional, UI, API, end-to-end, performance, and security testing. Strong understanding of SDLC, Agile methodologies, and CI/CD pipelines. Skilled in defect tracking using Jira, TFS, HP ALM, and managing test data with MS SQL and MongoDB. Adept at cross-functional collaboration, delivering high-quality software, and leading QA best practices.

CORE COMPETENCIES

- **Automation Frameworks:** Cypress, Mocha, Chai, Selenium, JMeter, pytest
- **Programming Languages:** JavaScript, Python, SQL, Java, Visual Basic, C, C++, HTML
- **Test Management:** Azure DevOps, Confluence, Jira, HP ALM
- **Performance Testing:** JMeter
- **Databases:** MS SQL, MongoDB
- **CI/CD Tools:** Azure DevOps, Git Version control, Visual Studio Code
- **Other Tools:** Postman, SoapUI, BrowserStack, Microsoft Azure (Cloud computing platform)
- **Methodologies:** Agile/Scrum, SDLC

PROFESSIONAL EXPERIENCE

Powerhub, Toronto, ON

Senior QA Analyst

Feb 2018 – Present

- Designed and maintained a **Cypress-based automation framework**, leveraging Mocha and Chai for assertions and reusable test commands; integrated framework with CI/CD pipelines for continuous testing.
- Conducted **API testing** using Postman and performed load and performance testing using JMeter.
- Developed detailed **test plans**; executed smoke, UI, sanity, integration, unit, system, end-to-end, and regression testing, logging results in **TFS**.
- Managed and validated **third-party integrations** with Snowflake and Salesforce.
- Conducted **data migration testing** to ensure accuracy and completeness during SQL to MongoDB transitions.

- Ensured data accuracy and integrity across all stages of the **ETL process**, supporting robust and insightful reporting solutions.
- **Documented** test cases, created detailed defect logs with clear reproduction steps, and developed matrices to track test coverage and defect metrics.
- **Led Junior QA** team members and collaborated with cross-functional teams to optimize QA processes.
- Participated in **code reviews** to validate code quality, functionality, reusability and scalability.
- Initially developed and maintained a **Selenium framework**, ensuring test script reliability.
- Collaborated with developers to enhance UI element locators(React).
- Participated in **Agile ceremonies** and contributed to continuous improvement initiatives.

Ceridian, Toronto, ON

QA Tester

Feb 2017 – Jan 2018

- Reviewed technical, functional, and business requirement documents for comprehensive system understanding.
- Developed and executed functional test plans covering objectives, strategies, and test environments.
- Conducted smoke, sanity, functional, database, security, mobile, end-to-end, and regression testing to meet release deadlines.
- Created and executed manual and automated test scripts for product features using **QTP/UFT**.
- Managed test data and performed database validations using **SQL**.
- Tracked and resolved test cases and defects using **HP ALM**; supported UAT efforts and post-release fixes.

EDUCATION & CERTIFICATIONS

- Master of Engineering, Software Engineering – Western University
- Bachelor of Technology, Computer Science and Engineering – Punjabi University, India