

SAYALI MALI

Agile QA Analyst | QA Lead | Automation Test Engineer

✉ sayalimali09@gmail.com

☎ +1 (647)-540-4271

📍 Victoria, BC

in [LinkedIn](#)

SKILLS

- **Programming Languages:** Java, Python, C++, JavaScript, PHP, HTML, CSS, JSON.
- **Frameworks & Automation:** React, Node.js, Playwright, Selenium, TestNG, Hybrid Frameworks.
- **Cloud & Platforms:** Azure, AWS, OpenShift, Salesforce, Oracle Eloqua.
- **Database Management & Tools:** SQL, Oracle, MongoDB, Hadoop, ETL, Excel Reporting.
- **QA & API Testing:** API Testing (REST, Postman, Parasoft SoaTest, SOAP UI), JIRA, HP ALM.
- **DevOps & Tools:** Jenkins, Maven, Git, SecureTransport, CI/CD, Confluence, Eclipse, NetBeans, Linux.

WORK EXPERIENCE

Test Coordinator

CIBC - Canadian Imperial Bank of Commerce

November 2021 – Present

Toronto, ON

- Led QA projects and cross-team testing for 12+ enterprise applications, improving defect resolution timelines by 30%.
- Reduced manual testing overhead by 25% by maintaining and enhancing 150+ programmed test scripts across multiple teams.
- Performed functional and regression testing on legacy mainframe applications, including the validation of ETL data flows to ensure seamless data migration and integrity.
- Managed end-to-end test lifecycle using HP ALM & JIRA for 500+ test cases, providing daily and weekly reports to 10+ stakeholders.

Research Assistant

Humber College [Client: Mitsubishi Heavy Industries]

January 2021 – November 2021

Toronto, ON

- Executed comprehensive functional, end-to-end, integration, and user testing across five interconnected systems, enhancing overall system performance by 15%.
- Crafted and unit-tested 20+ React UI components with asynchronous APIs, reducing functional defects by 18%.
- Conducted database storage testing and Azure queries across 3 servers, improving data accuracy and retrieval efficiency by 20%.
- Validated end-to-end workflows, identifying 45+ inconsistencies and reducing defect leakage into production by 22%.

Software Engineer

Kasnet Pvt. Ltd.

June 2017 – August 2019

India

- Designed 200+ manual test cases ahead of builds, improving test coverage and reducing post-release defects by 25%.
- Optimized comprehensive regression test scripts and conducted detailed peer reviews, increasing execution accuracy by 28% across 15+ release cycles.
- Logged, tracked, and resolved over 300 defects using JIRA, improving defect resolution efficiency and reducing issue backlog by 35% throughout the SDLC.
- Collaborated in 50+ user story grooming and sprint planning sessions, providing QA estimates and improving sprint predictability by 20%.

PROJECTS

Automated Maintenance Data Processing

Mitsubishi Heavy Industries, Aviation Domain

- Prepared and processed 10,000+ maintenance log entries using Python, applying NLP-based text classification and feature selection to predict aircraft part codes with 87% accuracy.
- Devised aviation-specific tokenization dictionaries handling 1,500+ technical terms and alphanumeric part numbers, improving parsing accuracy by 22%.
- Built orchestrated code suggestion system mapping free-text technician descriptions to standard aircraft codes, reducing manual lookup time by 65% and minimizing human entry errors.

EDUCATION

Post Graduation – IT Solutions

Humber College Institute of Technology, Toronto, Canada

September 2019 – May 2021

Bachelors of Engineering (Computer)

Pune University, India

July 2013 – May 2017