

BHUMIKA LALL

QA AUTOMATION ANALYST - Test Automation, Integration Testing & Defect Analysis

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📍 [Edmonton, AB](#)

in [LinkedIn](#)

SKILLS

- **Programming & Querying:** JavaScript, Basic SQL, SASVIYA, Query Optimization, Test Data Scripting.
- **Web Technologies:** HTML5, CSS3, UI Validation, Cross-Browser Testing, DOM Inspection, Responsive Testing.
- **QA & Testing:** Manual Testing, Integration Testing, Regression Testing, UAT Support.
- **Test Management Tools:** Jira, Confluence, Zephyr, Xray, Selenium, TestNG, Defect Lifecycle Management.
- **Automation & Analysis:** Test Scenarios, Test Planning, Test Documentation, Validation Strategies, QA Metrics.
- **Systems & Workflow:** Agile Coordination, Scrum, BDD (Cucumber), Requirement Analysis, Release Validation.

WORK EXPERIENCE

Senior IT Analyst

National Bank of Canada (Formerly CWB)

February 2025 – Present

Edmonton, AB

- Directed integration testing for lending applications, improving reliability by 28% and lowering production errors by 22% across enterprise banking systems.
- Engineered test scenarios covering workflows, calculations, and interfaces, strengthening validation accuracy by 30% and ensuring consistent compliance across modules.
- Analyzed system dependencies across integrated platforms, minimizing release risks and improving deployment stability by 25% through structured dependency mapping.
- Implemented defect tracking processes with prioritization standards, improving resolution turnaround time by 24% and strengthening defect traceability across cross-functional teams.

Senior QA Analyst

Canadian Western Bank

May 2018 – January 2025

Edmonton, AB

- Orchestrated functional, system, and regression validation for banking platforms, ensuring accuracy across lending, deposits, and portals with measurable defect reduction.
- Designed workflows validating business rules, calculations, and UI elements, ensuring cross-platform consistency and reducing validation errors by 19% across releases.
- Administered SAP and ERP validation using SQL queries in Denodo and SAS VIYA, ensuring PD, LGD, EAD, and RWA calculations aligned with AIRB data flow requirements.
- Coordinated UAT cycles, prepared scripts, and secured sign-offs, accelerating requirement validation by 18% and improving SME confidence in production readiness.

QA Analyst – Web & Agile Testing

Cysken Technologies

January 2017 – February 2018

Toronto, ON

- Performed functional and regression testing for financial applications, ensuring stability across releases and reducing defect leakage into production by 17%.
- Executed cross-browser testing across Chrome, Firefox, and IE, identifying layout inconsistencies and reducing UI rendering errors by 20% across supported platforms.
- Conducted system integration testing between frontend interfaces and backend services, improving transaction accuracy by 23% across financial data workflows.
- Drafted test data and executed data conversion for product enhancements, improving migration accuracy by 25% and reducing data mapping errors across transfers.

Quality Assurance Tester

Airtel Communications

March 2014 – April 2016

India

- Collaborated on end-to-end testing for iOS and Android mobile apps, improving user experience consistency and reducing mobile defects by 22% across supported devices.
- Performed functional, UAT, and regression cycles for onboarding, login, deposits, and secure messaging, lowering production issues by 19% across multiple releases.
- Identified defects related to app performance and usability, logging detailed documentation that improved developer resolution efficiency by 21% across sprints.
- Partnered with developers and UX teams to refine mobile screens, improving customer experience metrics by 20% and reducing navigation-related complaints.

EDUCATION

Master of Technology (M.Tech) - Computer Science & Engineering

Kurukshetra University, India

July 2010 – May 2012

Bachelor of Technology (B.Tech) - Information Technology

Kurukshetra University, India

July 2006 – May 2010