**RITUPARNA BERA, PMP, CSM, CSPO**

**Senior Manager – Quality Engineering | AI & Automation Leader | Executive MBA Candidate (2026) – Rotman School of Management, University of Toronto | my**[**rituparna@gmail.com**](mailto:rituparna@gmail.com) **| 905-876-8554 |** [[LinkedIn](https://www.linkedin.com/in/merituparna/)]

**PROFILE SUMMARY**

Dynamic technology and quality engineering leader with **17+ years of experience** delivering enterprise-scale automation, QA, and AI-driven transformation initiatives across financial services and consulting.  
Specialized in leading **QA → QE modernization**, integrating **Gen AI, agentic AI**, and continuous testing to drive quality, speed, and innovation.  
Recognized for **developing top-performing teams**, building automation maturity, and partnering across business and technology to deliver client-centric digital solutions.

**CORE CAPABILITIES**

* **QE Transformation & Strategy:** Shift-Left Testing | Continuous Testing | AI-Driven Quality | Risk-Based QA
* **Leadership & Coaching:** Onshore/Offshore Team Management | Mentorship | Inclusive Culture | Talent Uplift
* **Automation & Tools:** Selenium | Playwright | Cypress | HP ALM | UFT | Parasoft | ConformIQ | JIRA
* **Full-Stack & DevOps:** Python | FastAPI | JavaScript (Vue.js / React) | SQL | Azure DevOps | GitHub Actions (CI/CD)
* **QE Metrics & Governance:** DRE | Defect Leakage | Coverage KPIs | Regulatory Compliance | Security Controls
* **AI in Testing:** Gen AI for Test Data | Agentic AI for Validation | LangChain | LangGraph | Prompt Engineering

**PROFESSIONAL EXPERIENCE**

**TD Bank Group – Toronto, ON**

**Product Owner & QE Lead – Platform & Technology Enablement | 2022 – Present**

* Lead QA → QE transformation across automation and workflow platforms in Retail & Wealth Technology.
* Drove **AI-enhanced automation**, integrating predictive quality analytics and generative test design.
* Established end-to-end automation pipelines, embedding testing in CI/CD with GitHub Actions and Azure DevOps.
* Defined QE KPIs (defect leakage, coverage, DRE) to measure quality and team performance.
* Partnered with business and engineering leaders to embed shift-left quality and risk management in delivery.
* Mentored a distributed team of QA and RPA engineers across Canada and India.

**Key Achievements**  
 Launched a centralized QE dashboard integrating JIRA and ALM data.  
 Reduced testing cycle time by 30% through automation and parallel execution.  
 Pioneered AI-based test data generation and defect prediction framework.

**Business Analyst – TD Wealth | 2018 – 2021**

* Defined testing and data requirements for Wealth Data Strategy and Client Onboarding programs.
* Streamlined workflow automation and risk analytics initiatives, reducing manual effort by 40%.
* Partnered with control and data teams to strengthen governance across regulatory processes.

**Lead Quality Engineer – TD Wealth CPAM | 2014 – 2017**

* Directed API and ETL testing for critical client and fraud systems.
* Implemented QA governance framework ensuring audit readiness and risk compliance.
* Enhanced release confidence by aligning testing outcomes to business KPIs.

**IBM Global – Client Engagements | 2007 – 2014**

* Led testing strategies and process improvements for large enterprise clients in financial and telecom sectors.
* Drove automation adoption and testing governance for multi-country delivery programs.
* **Key Clients:** Visa (USA), Nationwide Insurance (USA), Bell Canada, TD Bank.

**EDUCATION & CERTIFICATIONS**

* **Executive MBA Candidate**, Rotman School of Management – University of Toronto (Class of 2026)
* **Master of Computer Applications (MCA)** – University of Kalyani
* **B.Sc. (Hons.) in Statistics** – University of Kalyani
* **Certifications:** PMP | Agile & Scrum | UiPath & Blue Prism | Azure Fundamentals (in progress)

**SELECTED HIGHLIGHTS**

* Led mobile QA teams for Android and iOS applications supporting TD Digital transformation.
* Spearheaded QE modernization strategy integrating Gen AI for test optimization and agentic AI for validation.
* Consistently recognized for coaching and developing future quality leaders within cross-functional teams.
* Passionate about embedding AI governance and ethical testing into enterprise AI delivery models.

**TECH STACK**

Selenium | Playwright | Cypress | HP ALM | UFT | Parasoft | ConformIQ | JIRA | Python | FastAPI | SQL | JavaScript | Vue.js | React | Azure | GitHub Actions | LangChain | LangGraph | UiPath | Blue Prism | Redis