



# Prabodha Saparamadu

## Quality & Delivery Transformation Leader

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**YouTube Channel :** **PSQA Sphere** (<https://www.youtube.com/@psqasphere>)

Enterprise Quality & Delivery Leader (MBA /BSc Computer Science) with 18+ years of experience driving enterprise quality transformation, release governance, and delivery excellence across global organizations. Proven in establishing Quality Operating Models, building Test Centers of Excellence (TCoE), and embedding shift-left and shift-right testing within Agile and CI/CD environments. Experienced in roadmap ownership, budget accountability, delivery forecasting, and cross-functional dependency management, partnering with executive stakeholders to deliver predictable, high-quality outcomes at scale. Combines deep quality engineering expertise with program-level governance and people leadership to reduce risk, optimize cost, and accelerate time-to-market.

## Core Strengths and Top Skills

- Enterprise QA Strategy & Quality Transformation
- Test Automation Strategy & Framework Governance (AI/Non AI-Driven)
- Project & Delivery Management
- Process Standardization & Continuous Improvement
- Release Ownership , Governance & Predictable Delivery
- Agile / Scrum & CI/CD Enablement
- Shift-Left / Shift-Right Quality Engineering
- Data-Driven Quality & Risk Management & Executive Reporting
- Global Stakeholder & Customer Management
- Building, mentoring, and scaling high-performing QA teams
- Technical coaching and training delivery (Ref: <https://www.youtube.com/@PSQASphere> )

## Business & Technology Domain Expertise

Delivered enterprise-scale solutions across Telecommunications (Payments & Settlements), Airline Reservation Systems, Stock Exchange Platforms, ERP, Retail & Restaurant Systems, Healthcare, Data Warehousing, Learning Management Systems, and Academic Training & Professional Coaching, operating within both product-led and project-driven delivery models.

## Tools and Technologies

<b>Test &amp; Project Management Tools</b>	Jira, Xray, Bugzilla, Microsoft Project, Confluence, ClearQuest, Ecase
<b>Test Automation &amp; QA Frameworks</b>	Selenium, Playwright (Copilot + MCP AI), Cypress, Appium, Cucumber, MarathonITE, Robot Framework, Protractor, Rest Assured, JMeter, SoapUI
<b>Testing Frameworks &amp; Build Tools</b>	TestNG, JUnit, AssertJ, Maven, Ant
<b>Programming &amp; Scripting Languages</b>	Java, TypeScript, JavaScript, Python, PHP, VB, JRuby, C/C++ (Core), C# (Core)
<b>API, Web &amp; Markup Technologies</b>	REST, Postman, XPath, CSS, HTML, XML, Chrome DevTools
<b>CI/CD, DevOps &amp; Cloud</b>	Jenkins, Docker, AWS, Git, SVN
<b>Databases &amp; Data Technologies</b>	Oracle (9i / 10g / 11g), MySQL, MariaDB, DB2
<b>Operating Systems &amp; Platforms</b>	Windows, UNIX, Red Hat Linux (6.5), CentOS, SUSE Linux (9/10/10.1), AIX (5.1/5.2/6.1), Solaris (9/10), HPUX (11.11i)
<b>IDEs &amp; Development Tools</b>	IntelliJ IDEA, Eclipse, VS Code, Pycharm, Android Studio
<b>Frameworks &amp; Libraries</b>	Spring
<b>Collaboration, Productivity &amp; Other Tools</b>	Clumcy, Lotus Notes, SketchUp, Lumion

## Career Experience & Key Contributions

<b>Project</b>	Enactor POS and ERP product
<b>Project Role</b>	QA/Delivery Manager
<b>Duration</b>	April 2020 to Present
<b>Technologies</b>	Selenium, Java, RMI, Cucumber, Appium, MVN, TestNG, REST, Jenkins, SVN, AWS, Docker
<b>Domain</b>	ERP
<b>Project Description</b>	Enactor product is a UK based market-leading suite of products for retail, restaurant and warehouse sectors in UK, USA and Europe. Enactor's universal service platform is a highly functional and innately flexible application by standing on its own unique technology
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>Leading the QA Department – Overseeing QA strategy, operations, and delivery excellence</li> </ul>

- Project & Team Leadership – Managing QA/Dev projects and improving on-time release delivery from ~70% to 95%.
- Test Automation Ownership – Building, enhancing, and maintaining enterprise-wide automation frameworks using Selenium, Java, Appium, RMI and Establishing and governing a centralized Test Center of Excellence (TCoE), standardizing automation, quality practices, and reporting across teams, increasing automation coverage by 50%+ and reducing regression execution time by 60%.
- QA Process Implementation – introducing, standardizing, and continuously improving QA practices resulting in a 30–40% reduction in production defects
- Risk Management – Assessing risks and implementing contingency/mitigation strategies and reducing quality-related release risk by 35–45%
- Embedding shift-left and shift-right testing across Agile and CI/CD pipelines, improving early defect detection by 35% and reducing post-release incidents by 25–30%.
- Leading risk management and mitigation strategies at program level, proactively identifying delivery and quality risks and reducing late-cycle escalations by 40%.
- Delivering executive automated dashboards, quality metrics, and governance reporting, enabling data-driven decision-making and improved visibility into delivery health, risk exposure, and release readiness.
- Agile Leadership – Serving as Scrum Master and driving Agile processes (Scrum, Kanban)
- Technology Research – Evaluating tools for performance, network monitoring, and functional automation
- Talent Acquisition & Development – Recruiting, interviewing, and onboarding QA professionals
- Stakeholder & Customer Engagement – Managing client expectations, demos, and direct communication
- Review & Quality Assurance – Reviewing project artifacts, test plans, and deliverables for quality compliance
- Team Management – Conducting performance evaluations, mentoring, and career development for team members
- Knowledge Sharing – Delivering organizational KT sessions and training programs
- Planning & Estimation – Preparing test strategies, estimates, and project roadmaps
- Product & Technical Collaboration – Contributing to product design, technical discussions, and solutioning
- Defect & Issue Management – Leading bug triage, root cause analysis, and resolution meetings
- Release Management – Managing build releases, sign-off processes, and production readiness
- Environment Setup & Troubleshooting – Configuring and maintaining test environments

<b>Project</b>	Cambio Healthcare Systems – R&D
<b>Project Role</b>	QA Architect
<b>Duration</b>	September 2015 - April 2020
<b>Technologies</b>	Selenium, Java, MarathonITE, Cucumber, MVN, TestNG, REST, Soap, Jenkins, GIT, Fest, Jmeter, KSAR
<b>Domain</b>	Healthcare
<b>Project Description</b>	Cambio Healthcare Systems is an e-health company with approximately 400 employees who provide the Cambio COSMIC healthcare system for comprehensive, easy-to-use solutions to meet the healthcare needs of all patients. CAMBIO helps the healthcare industry work efficiently, with a focus on patient safety and privacy.
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• Project Ownership – Driving QA initiatives including CTS writing, AFT/CTAF test automation, and module development/maintenance projects, increasing enterprise automation coverage by 50% and reducing regression cycles by 60%.</li> <li>• QA Process Implementation – Establishing and optimizing QA processes across projects and reducing production defects by 30–40% and ensuring 95% on-time release delivery.</li> <li>• Quality Leadership – Serving as Product Quality Owner and backup Scrum Master in Agile teams</li> <li>• Technology Research – Evaluating automation tools such as Protractor and MarathonITE to enhance testing efficiency</li> <li>• Test Automation Framework – Designing, maintaining, and improving automation frameworks for enterprise solutions</li> <li>• Talent Acquisition – Conducting recruitment, interviews, and aptitude assessments for QA Engineers and Leads</li> <li>• Customer Engagement – Providing support, managing client queries, and ensuring customer satisfaction</li> <li>• Release Management – Approving and signing off on product and customer releases</li> <li>• Test Planning &amp; Estimation – Preparing detailed test plans, strategies, and project effort estimates</li> <li>• Team Leadership – Managing multiple QA teams, assigning tasks, and ensuring delivery timelines,, improving team productivity by 20–30%.</li> <li>• Mentoring &amp; Development – Grooming QA Leads and team members through structured guidance</li> <li>• Review &amp; Governance – Reviewing QA artifacts, test cases, and automation scripts for quality assurance</li> <li>• Stakeholder Management – Collaborating with internal and external stakeholders to align QA outcomes</li> <li>• Team Performance – Conducting evaluations, reviews, and feedback sessions to drive team growth</li> </ul>

	<ul style="list-style-type: none"> <li>• Knowledge Transfer – Delivering induction and organizational-level training sessions</li> <li>• Product Collaboration – Participating in product design discussions, technical reviews, and solution workshops</li> <li>• Defect &amp; Risk Management – Leading bug triage, strategic planning, and root cause analysis meetings</li> <li>• Requirements Analysis – Gathering requirements and creating test scenarios using mind maps</li> <li>• Organizational Contribution – Engaging in cultural and organizational events to foster team spirit</li> </ul>
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<b>Project</b>	Intel Software (Pvt) Limited
<b>Project Role</b>	Team Lead/ Associate Team Lead - QA
<b>Duration</b>	June 2011 – September 2015
<b>Technologies</b>	Selenium, Java, Cucumber, MVN, ANT, JUnit, TestNG, REST, Jenkins, SVN, Unix
<b>Domain</b>	Telcommunication - Payments and Settlements
<b>Project Description</b>	Intel Corporation is an American multinational corporation and one of the world's largest and highest valued semiconductor chip makers, based on revenue. It is the inventor of the x86 series of microprocessors, the processors found in most personal computers. The Intel software- Sri Lanka provides payment and settlement solution for the mobile cloud systems.
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• Test Automation – Developing and maintaining automation at the framework level using JUnit, Selenium, Java, and Ant</li> <li>• Comprehensive Testing – Executing API, UI, and Performance testing across automation and manual approaches</li> <li>• Team Leadership – Managing QA teams, mentoring, and grooming team members for career growth</li> <li>• Innovation &amp; Tools Development – Initiating third-party utility development (e.g., DART tool, Cluster Mate) to enhance QA efficiency</li> <li>• Scripting &amp; Automation – Writing Shell scripts and automation utilities for process improvements</li> <li>• Task &amp; Delivery Management – Assigning tasks, monitoring progress, and ensuring delivery milestones are met</li> <li>• Quality Reviews – Reviewing test cases, automation scripts, and ensuring adherence to quality standards</li> <li>• Performance Evaluations – Conducting MBO/Focal team assessments and performance reviews</li> <li>• Recruitment – Leading interviews and onboarding processes for QA professionals</li> <li>• Requirement Analysis – Gathering product requirements and defining test scenarios using mind maps</li> </ul>

	<ul style="list-style-type: none"> <li>• Test Strategy – Preparing test plans, estimations, and overall QA strategies</li> <li>• Knowledge Transfer – Conducting training sessions and workshops for QA knowledge sharing</li> <li>• Collaboration – Contributing to product design discussions, technical reviews, and cross-functional meetings</li> <li>• Defect &amp; Risk Management – Leading bug triage meetings and driving root cause resolutions</li> <li>• Release Management – Actively participating in major build releases and providing sign-offs</li> <li>• Continuous Integration – Administering Jenkins-based automated build monitoring systems</li> <li>• Environment Management – Configuring and maintaining Linux server and database environments</li> <li>• Global Exposure – Working in offshore offices (UK) to support international QA delivery</li> <li>• Team Culture – Organizing cultural events and initiatives to strengthen team collaboration</li> </ul>
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<b>Project</b>	ISA-John Keels – Air Arabia project
<b>Project Role</b>	QA Lead/ Senior QA Analyst
<b>Duration</b>	January 2011 – June 2011
<b>Technologies</b>	SVN, Bug Zilla, Windows, Unix, Soap, Oracle, DB2
<b>Domain</b>	Airline ticket reservation
<b>Project Description</b>	JKCS deploys, manages and ensures smooth engagement of skilled resources ranging from project management to software development, QA testing and implementation. ISA is a joint venture of JKCS and it provides software web-based solutions for the airline ticketing field (Air Arabia)
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• QA Process Implementation – Introducing and standardizing QA processes for testing projects</li> <li>• Test Documentation – Preparing detailed test cases, test plans, and supporting QA artifacts</li> <li>• Effort Estimation – Providing accurate test effort estimations and resource planning</li> <li>• Task Management – Delegating responsibilities, monitoring progress, and reviewing deliverables</li> <li>• Knowledge Transfer – Conducting training sessions and mentoring junior team members</li> <li>• Database Handling – Managing and validating data across project databases</li> </ul>

<b>Project</b>	Virtusa Pvt Limited (IBM IIS and Thomson Reuters)
<b>Project Role</b>	Senior QA Engineer
<b>Duration</b>	September 2006 – January 2011
<b>Technologies</b>	SVN, Bug Zilla, Clear Quest, Windows, Unix, Soap, Oracle, DB2, QTP, RFT
<b>Domain</b>	Data Warehouse and Learning Management System
<b>Project Description</b>	Virtusa Corporation (NASDAQ: VRTU) is a global information technology (IT) services company providing consulting, technology, and outsourcing services to clients across the US, Europe, and the Middle East. Headquartered in Massachusetts, USA, Virtusa has a global workforce exceeding 3,500 employees. During my tenure at Virtusa, I contributed to several key projects including the IBM Information Integration Solutions (IIS) project, where I was engaged in Quality Stage software testing, automation, and defect management, as well as the Thomson Reuters Learning Management System (LMS) project, focusing on test planning, functional validation, and quality assurance. These projects provided extensive exposure to enterprise-scale testing, automation frameworks, and collaboration with global stakeholders
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• Server &amp; Environment Management: Configured and managed diverse environments (Windows, Linux, AIX, Solaris, HPUX) for stable and reproducible testing.</li> <li>• Database Management: Validated and tested data across SQL Server, DB2, Oracle, and MS Access, ensuring data integrity.</li> <li>• Test Automation: Designed, maintained, and executed automation initiatives using QTP, RFT (Java), and custom VB Script utilities to improve QA efficiency.</li> <li>• Product Testing Expertise: Conducted end-to-end testing and debugging for IBM Quality Stage (QS) across multiple modules and languages.</li> <li>• Test Planning &amp; Estimation: Prepared comprehensive test strategies, effort estimates, and execution plans for projects including IBM GVT Testing, CPL-Profiling, Web Services, and mLearning.</li> <li>• Team &amp; Resource Management: Allocated tasks, monitored progress, and ensured timely QA deliverables while mentoring and upskilling team members.</li> <li>• Knowledge Sharing &amp; Mentoring: Conducted training sessions and workshops for onshore and offshore teams to enhance technical capabilities.</li> <li>• Collaboration &amp; Problem Solving: Partnered with development teams to resolve defects, optimize processes, and improve overall product quality.</li> <li>• Web Services &amp; Automation Frameworks: Validated functionality, performance, and reliability of service-based solutions; developed reusable automation frameworks for efficiency.</li> </ul>

	<ul style="list-style-type: none"> <li>Customer Engagement &amp; Team Culture: Managed client expectations, requirements, and updates; fostered team collaboration and contributed to organizational culture initiatives.</li> </ul>
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<b>Project</b>	University of Moratuwa – Faculty of IT
<b>Project Role</b>	Assistant Lecturer/Instructor at Faculty of Information Technology
<b>Duration</b>	August 2005 – May 2006
<b>Technologies</b>	Java, Oracle, SQL, Rational Rose, Unix
<b>Domain</b>	Academic instruction and lecturing
<b>Project Description</b>	University of Moratuwa is the leading Engineering University of Sri Lanka which consists of number of Civil, Electrical, Electronic, Computer Science, IT, Textile and Architecture faculties for undergraduate/post graduate programs. University Of Moratuwa is rated as one of the best universities in South Asia.
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>Academic Teaching – Delivered lectures on OOP, Computer Organization, and DBMS for Undergraduate, Graduate Training Program (GTP), and Postgraduate Diploma (PGDip) students</li> <li>Practical Sessions – Conducted lab sessions to support hands-on learning and application of theoretical concepts</li> <li>Assessment Development – Prepared question papers, tutorials, and marked answer scripts for multiple academic programs</li> <li>Workshops &amp; Events – Organized technical workshops, academic functions, and student activities</li> <li>Software Development – Contributed to institutional projects such as the V-Rakiya Job Portal and Library System</li> <li>Curriculum Design – Prepared syllabus and course materials for the external MBIT degree program</li> <li>E-Learning Administration – Managed and administered the Moodle content management system for online learning</li> </ul>

## University Education

### Master of Business Administration (MBA) 2014

University of Colombo Sri Lanka - (Faculty of Management & Finance)

### Bachelor of Science (BSc in Computer Science) - 2005 (2<sup>nd</sup> Upper)

University of Bangalore, Bangalore, Karnataka, India

## School Education

### Ananda College – Colombo 10

GCE O/L and GCE A/L in Mathematics stream

## Other Qualifications

- ORACLE 9i Database Administration (DBA) Course (OCA-OCP) completion - IIHT Computer Education, Bangalore, India
- Global Innovation Process Certification (SW) - Virtusa Corp
- QA Role Based certification - Virtusa Corp
- Intellectual Properties compliance examination - Virtusa Corp
- Diploma in Computer Hardware Engineering (Computer assembling and trouble shooting) - Institute RAYTRONICS Computer Systems(Pvt.) Ltd
- Diploma in Network Administration (Computer networks configuration & administration) - Institute RAYTRONICS Computer Systems (Pvt.) Ltd

## Industry, Academic & Community Engagements

- Maintain a professional YouTube channel to share practical QA, test automation, and engineering insights with the global IT community, promoting continuous learning and industry best practices.
- Actively contributed to technical knowledge-sharing sessions at universities, supporting student development and industry readiness.
- Participated in SLASSCOM industry events, engaging with technology leaders and staying aligned with national IT initiatives and trends.
- Led and coordinated cultural and employee engagement events, fostering team collaboration, morale, and organizational culture.  
Organized and managed community and networking events on behalf of the Association of Sri Lankan Students Living in Bangalore (ASSLIB), strengthening cross-border professional and social connections.
- Served as an active member of the College Audio-Visual Unit (2000–2001), supporting technical and event operations.
- Elected Executive Member of the College Mathematics Society, contributing to academic and leadership initiatives.

## Referrals

**Mr. Kushan Yapa**

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## Declaration

I assure that the above facts are true and correct for the best of my knowledge.



M D P C Saparamadu

Date:22/01/2026