

Herbert Parasio

QA Engineer — Test Automation & Regulated Software

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I test the software regulators have to sign off on. Five years of software engineering, then two-plus years in QA inside a compliance-driven gaming lab — **most recently leading a team of 11 testers**. I build Playwright suites that run in CI and hold up under scrutiny, and I write defect reports engineers can act on without a follow-up meeting. Comfortable in four languages and used to shipping across time zones.

EXPERIENCE

SQA Team Lead

05/2026 – Present

BMM Test Labs — Dieppe, Canada

Global compliance lab for the gaming industry: 500+ employees across 13+ countries, providing QA, certification and regulatory testing for gaming systems.

Team leadership · Risk-based testing · Quality metrics · JIRA

- Lead and mentor **11 QA testers**, embedding a risk-based, critical-thinking approach into test planning and defect management so risk surfaces early in the SDLC rather than at submission.
- Translate regulatory requirements and specifications into test strategies and coverage plans, working with development and cross-functional stakeholders to align quality standards with business objectives.
- Define and track quality metrics, turning testing progress and risk into **actionable reporting** for clients and QA management.
- Drive continuous improvement of QA process, tooling and automation coverage across multiple concurrent projects under regulated compliance requirements.

QA Engineer

06/2024 – 05/2026

BMM Test Labs — Moncton, Canada

Playwright · Postman · GitHub Actions · SQL · Docker · Node.js · JIRA

- Designed, built and maintained **automated UI and API test frameworks** in Playwright and Postman, integrated into CI/CD pipelines (GitHub Actions) so releases ship on evidence rather than on confidence.
- Ran functional, integration, regression and end-to-end testing with risk-based prioritisation, contributing to a **20% reduction in critical production defects**.
- Logged and managed **150+ defects** in JIRA with reproduction steps and attached evidence; used SQL to validate data across test environments.
- Built an internal **AI-assisted knowledge base** that surfaces prior root-cause analysis and flags likely duplicate defects — an early, practical use of AI tooling to cut investigation time for the team.
- Authored test cases aligned with ISTQB CTFL principles, improving coverage and **increasing execution efficiency by 25%**.

Quality Assurance Intern

04/2024 – 06/2024

BMM Test Labs — Moncton, Canada

- Supported testing activities and built foundations in testability, scenario design and manual execution; promoted to QA Engineer after two months.

Full Stack Developer

08/2017 – 07/2021

Brasil Center Comunicações — Rio de Janeiro, Brazil

BPO and telecom services company, ~3,000 employees, supporting customer service and analytics for major Brazilian telecoms.

Java · Spring Boot · React · Vue.js · MySQL · Docker · GitHub Actions

- Designed, developed, tested and maintained **5+ internal web applications** supporting daily operations across several business departments.
- Built responsive React interfaces used by **100+ internal users**, ensuring cross-browser compatibility and consistent usability.

- Implemented CI/CD with GitHub Actions and Docker, **cutting deployment from ~2 hours to ~15 minutes** and enabling zero-downtime releases.

Data Analyst

08/2016 – 08/2017

Seller Magazine (Lojas Americanas Group) — Rio de Janeiro, Brazil

Python · PostgreSQL · SQL Server · Tableau

- Built analysis and visualisation solutions supporting decisions across **80+ store locations**, contributing to a 15% revenue increase.
- Optimised SQL and Python reporting workflows, cutting weekly prep time by ~30% and manual errors by 25%.

Jr. Data Analyst

08/2014 – 08/2016

Infoglobo (Grupo Globo) — Rio de Janeiro, Brazil

Python · PL/SQL · VBA

- Processed and analysed datasets of **500K+ records**, improving efficiency by 15% through query optimisation.
- Automated reporting workflows, **cutting processing from 6 hours to 1 hour** per cycle.

SKILLS

QA & TESTING	Test automation (Playwright, Postman) · CI/CD integration · Risk-based testing · Functional, integration, regression & E2E · Defect lifecycle management · Test case design · AI-assisted QA tooling
LEADERSHIP	Team leadership & mentoring · Cross-functional collaboration · Quality metrics & stakeholder reporting · Process improvement · Agile / Scrum
ENGINEERING	JavaScript · TypeScript · C# · Python · HTML · CSS · Node.js
DATA	SQL Server · PostgreSQL · MySQL · MongoDB
TOOLS	JIRA · Git · GitHub Actions · Docker
LANGUAGES	English (fluent) · Portuguese (native) · Spanish (basic) · French (basic)

EDUCATION & CERTIFICATION

ISTQB Certified Tester, Foundation Level (CTFL) — exam scheduled	Aug 2026
Information Technology: Software Development — New Brunswick Community College, Moncton, NB	2024
Management Process — Universidade Salgado de Oliveira, Rio de Janeiro, Brazil	2012