






# RAFAEL CARDOSO PEREIRA

## QA Automation Engineer

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### ABSTRACT

As a dedicated professional with software testing experience since 2010, I've evolved into a seasoned professional dedicated to elevating software quality. My expertise spans various testing methodologies, from manual and exploratory testing to crafting meticulous test cases and comprehensive test plans. I am particularly passionate about automated testing, leveraging technology to maximize efficiency.

I've navigated through the entire testing spectrum, including component and component integration testing, system and system integration testing, and the critical domain of acceptance testing. My focus extends beyond traditional testing, encompassing performance efficiency, compatibility, usability, reliability, security, maintainability, and portability.

Across diverse sectors, including finance, banking, healthcare, technology, aviation, fashion, gaming, and digital marketing. I've played a pivotal role in ensuring the success of software systems. My adaptability, precision, and relentless pursuit of excellence make me an asset in upholding the highest software quality standards.

In summary, I offer a decade of expertise, an unwavering commitment to excellence, and a proven track record in enhancing the dependability and success of software systems.

### PROFESSIONAL EXPERIENCE

#### **August/2022 - Current**

Aubay ahead of innovation - <https://www.aubay.pt/>

##### **QA Engineer (Web Application)**

- ✓ Working with manual testing (front-end and back-end) and automated testing.
- ✓ Responsible for creating test cases and test plans in the Jira application.
- ✓ Analysis of the regression tests (Report Portal and Jenkins) using automated tests (Java, Cucumber, Selenium, RestAssured, Postman and Maven)
- ✓ Analysis of some errors in the environment using the Kibana tool.
- ✓ Create documentation for the evidence tests.

#### **May/2021 - July/2022**

Alter Solutions - <https://alter-solutions.com/>

##### **Test Manager/QA Engineer (Mobile and Web Application)**

- ✓ Responsible for creating some improvements (automated tests and BDD).
- ✓ Create documentation and approve testing processes. (Jira, Xray and Azure DevOps)
- ✓ Planning, coordination, and control of test activities.
- ✓ Development and definition of test methods and test tools.
- ✓ Test plan development, including the development of test goals, objectives, and strategy.
- ✓ Tests automated using python and robot framework. Back-end tests using Postman.
- ✓ Mobile testing (Android and iOS)

#### **July/2019 - April/2021**

Wipro Technologies - Digital, Technology, Business Solutions. <https://www.wipro.com>

##### **Performance Test and Automation Engineer (Web Application and Mobile Android/iOS)**

- ✓ Carrying out automated tests for a mobile application in MasterCard team. Native mobile tests (iOS/Android).
- ✓ I help the team to reduce application failures and reduce fraud. And share knowledge with the team.
- ✓ I am responsible for creating the plans and test cases, as documented in the Jira/Confluence tool.
- ✓ Languages: Java/Kotlin (Android Studio) for Android and Swift (Xcode) for iOS.
- ✓ Frameworks: Appium, UI Testing Espresso (Google), XCUITest (Apple), Selenium WebDriver, RestAssured, TestNG, Cucumber (BDD), Wiremock. Regression tests.
- ✓ I did database testing using DynamoDB (AWS). Tools: Git, Gitlab, Postman/Swagger, Kibana and Docker (CI/CD).
- ✓ Working as a performance tester using the Neo Load tool to check the speed and loading of finance applications.
- ✓ I worked on Mastercard's fraud monitoring system team (Customer explorer monitoring).
- ✓ Working in software testing engineering (automated and manual). This project was about Mastercard transactions that needed to automate their routines, etc.
- ✓ I was responsible for designing scripts to automate (backend and frontend) and ran manual tests part-time.
- ✓ Using these technologies: Java programming (IntelliJ). Frameworks: TestNG, Wiremock, Rest Assured, Selenium WebDriver and Cucumber (BDD). Using Maven for dependencies, Oracle (Database), swagger and postman for API tests. Linux terminal to trigger local and international transactions. Git and bitbucket (version control). Using regression (manual and automation) and smoke testing. White and black box testing practices as well.

## **January/2019 - June/2019**

DBC Company - Nós Somos Próximo. <https://www.dbccompany.com.br/>

### **Test Automation Engineer**

- ✓ I worked for the Banrisul banking and financial area (Microsoft Dynamics 365 Finance). In this project I was responsible for creating some testing with API from the beginning. I executed functional tests for API validation.
- ✓ Administration and management tools (Postman and Swagger for APIs. JMeter for performance testing) with a focus on API testing.
- ✓ Analysis and support in the business rule documentation for writing and executing plans and test cases in the TestLink and Jira tools.
- ✓ I did database testing using the SQL Server and Studio 3T tool (MongoDB) to perform database queries.
- ✓ Development of automated scripts in C# (Visual Studio) with Selenium WebDriver, NUnit and SpecFlow (BDD-Framework for .NET).
- ✓ IDE: Selenium, Katalon and BlazeMeter.
- ✓ The team focused on agile Scrum methodology.

## **May/2017 - June/2018**

Meta IT Services - Tech. Simple. Human. <https://meta.com.br/>

### **Test Automation Engineer**

- ✓ Working on an international project (Global Team) as a Quality Analyst, in a dynamic team based on agile methods (Scrum). Alongside stakeholders and team members involved in planning test activities.
- ✓ I was responsible for the development and maintenance of existing automated scripts using C# for Web applications (Selenium Web driver framework).
- ✓ Analysis, writing and execution of manual test cases. Monitoring test activities as well as defect handling and effort estimation during different test cycles.
- ✓ Development of test cases based on outlined scenarios, using SQL language to consult the Data Base. Management and monitoring testing execution efforts.
- ✓ Analysis and update of project documentation for the test team.
- ✓ Tools: Microsoft Test Manager, Visual Studio (C#), Team Foundation Server and Oracle SQL Developer.

## **August/2016 - April/2017**

Salux - Health Informatics. <https://www.salux.com.br/>

### **Software Testing and Automation**

- ✓ I helped the team to elaborate plans and test cases. Conducted test cases based on client documentation, from Albert Einstein Hospital.
- ✓ Administrated Black box testing, regression, usability and integration.
- ✓ Supported the development team (Power Builder) to solve bugs. And I created little scripts using Sikuli to start the automation.
- ✓ Reviewed and analyzed business rules documentation (Service Request Analysis and Software Requirement Specification).
- ✓ Scrum Methodology. Technologies: Oracle (SQL Monitor), TestLink and Sikuli automation.

## **January/2013 - July/2016**

Unicred do Brasil - Cooperative financial institution. <https://www.unicred.com.br/>

### **Software Quality Analyst / Configuration and Change Management**

- ✓ Administrated and Managed Test Management and Defect Management Tools.
- ✓ Elaborated and validated collection plans of Collection System - SGR (Receivables Management System) for cooperatives, with subsequent execution of functional tests, performance tests, regression tests, integration tests, acceptance tests and automated tests, aiming at maintaining the quality of implementation.
- ✓ Elaborated roadmaps, plans and test cases based on business specifications, requirements specifications and use cases.
- ✓ Monitored test environment, according to area processes, to guarantee the ideal scenario for test execution.
- ✓ Implemented improvements in the Process of Development and Quality Assurance.
- ✓ Created informational documents and Release Notes of systems versions.
- ✓ Generated Desktop version with the Power Builder tool, and versioning in the VSS tool.
- ✓ Launched Web version generation with the Jenkins tool.
- ✓ Integrated delivery, packaging and deploying systems in a production environment, directly with the communication, collaboration and integration between systems and infrastructure areas (DevOps) for deployment integration and continuous delivery.
- ✓ Built management reports, with the statistical information of the data related to the quality of program and system development processes.
- ✓ Updated tools and processes established by the area, to maintain standardization and organization.
- ✓ Good practices in the Scrum methodology.

## SKILLS/TECHNOLOGICAL KNOWLEDGE:

- ✓ **Operating Systems:** Windows 10, Linux/Debian and macOS Ventura.
- ✓ **Programming Languages:** Java, C#, Python, JavaScript, HTML, CSS, XML, JSON.
- ✓ **Version Control Tools:** Git, GitHub, Gitlab, Bitbucket, TortoiseSVN, CVS, Visual SourceSafe.
- ✓ **Database:** Dynamo DB, Oracle, SQL Server, MySQL, PostgreSQL, MongoDB.
- ✓ **Test Management Tools:** Jira, Azure, Confluence, Rally, TestLink, Microsoft Test Manager, Microsoft SharePoint, Mantis.
- ✓ **Test Tools and Frameworks:** Selenium WebDriver, Rest Assured, Cucumber (Behavior Driven Development), TestNG, JUnit, Robot, PyTest, Sikuli Script, Cypress. Tests with APIs (Postman, Swagger) and Performance (JMeter/Neo Load).
- ✓ **UML Diagram Tools:** Figma, StarUML, Astah, Enterprise Architect.
- ✓ **Agile Methods:** Scrum, XP, Waterfall.

## ACADEMIC EDUCATION

- ✓ **Graduation in Software Quality - 2015/2017.**  
<https://www.unisinos.br/>
- ✓ **Under graduation in Computer Science (Bachelor's degree) - 2005/2010.**  
<https://www.ulbra.br/canoas>

## COURSES

- ✓ **Programming Foundations: Software Testing/QA** - <https://www.linkedin.com/learning/> (June 2020).
- ✓ **Scrum Foundation Professional Certificate (SFPC)** - <https://certiprof.com/> (June 2020).
- ✓ **Cucumber (BDD) with Java - Test University Automation** - <https://testautomationu.applitools.com/> (Jun 2020).
- ✓ **Learn Swagger and the Open API Specification** - <https://www.udemy.com/> (Jan/2019).
- ✓ **Automatic Testing and full course of software testing** - <https://www.udemy.com/> (Jan/2018).
- ✓ **Object orientation** - <https://www.targettrust.com.br/> (Aug/2007).
- ✓ **UML - Unified Modeling Language** - <https://www.targettrust.com.br/> (Aug/2007).
- ✓ **Fundamentals of Java** - <https://www.targettrust.com.br/> (Aug/2007).
- ✓ **Advanced Java, using graphical applications (AWT and Swing) and JDBC access with a database** - <https://www.targettrust.com.br/> (Aug/2007).
- ✓ **Fast Track Dreamweaver MX using HTML, JavaScript and CSS** - [www.alfamidia.com.br/](http://www.alfamidia.com.br/) (Aug/2003).

## CERTIFICATE / EXAMINATION OF ENGLISH

Proficiency in English (International English Language Testing System - IELTS). Overall Score: 5.0 (January/2019).

## INTERNATIONAL LIVING

Melbourne, Australia: 2018 July (6 months). Course: IELTS Preparation. School: English Unlimited.

Sydney, Australia: 2012 May (6 months). Course: General English. School: North Sydney English College.

## LANGUAGES

**English:** Full professional proficiency.

**Portuguese:** Native speaker.