






# RAFAEL CARDOSO PEREIRA

## QA Automation Engineer

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### ABSTRACT

- ✓ Career developed in Information Technology Field (Quality engineering) with extensive experience in manual and automation testing, software enhancements implementation, systems testing, change management, and configuration. Acting in the area of software testing since 2010, during this time I have faced amazing and challenging projects, giving me a great number of skills and experience in several areas inside the testing world. I like to apply my knowledge gained so far, enhancing and sharing everything possible.

### TECHNOLOGICAL KNOWLEDGE:

- ✓ **Operating systems:** Windows 7, Windows 10, Linux/Ubuntu and macOS Ventura.
- ✓ **Database:** MySQL, Oracle, SQL Server, PostgreSQL, MongoDB, Dynamo DB.
- ✓ **Programming Languages:** Java, C#, Python, JavaScript, HTML, CSS, XML, JSON.
- ✓ **UML Diagram Tools:** Enterprise Architect, StarUML, Astah.
- ✓ **Management Tools:** Jira, Azure, Confluence, Rally, TestLink, Microsoft Test Manager, Microsoft SharePoint, Mantis.
- ✓ **Version Control Tools:** TortoiseSVN, CVS, Visual SourceSafe, Git, GitHub, Bitbucket.
- ✓ **Test Tools and frameworks:** Selenium WebDriver, Robot framework, Sikuli Script, TestNG, JUnit, RestAssured and Cucumber (Behavior Driven Development). Tests with APIs (Postman, Swagger) and Performance (JMeter/Neo Load).
- ✓ **Agile Methods:** Scrum, XP, Waterfall.

### PROFESSIONAL EXPERIENCE

#### August/2022 - Current

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

##### QA Engineer

- ✓ 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

- ✓ 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)

#### November/2020 - April/2021

GFT - IT solutions for financial entities and industry. <https://www.gft.com/br/pt/index/>

##### Automation Test Analyst (Mobile Android/iOS) and Performance

- ✓ Carrying out automated tests for a mobile application in Cielo's 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 (Front and Back-end).
- ✓ 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.
- ✓ Agile SCRUM methodology.

## **July/2019 - October/2020**

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

### **Software Testing and Automation**

- ✓ 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 (Eclipse and 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.
- ✓ Rally (ALM), Confluence and Azure (documentation). Following and participating in agile methodology (Scrum) process activities.

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

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

### **Software Testing and Automation**

- ✓ 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.

## **March/2018 - August/2018**

We are testers - Freelance

### **Quality Assurance Analyst**

- ✓ Working as a freelancer project with manual testing and opening some bugs in the web platform.
- ✓ Using some screenshots and creating documentation to explain the steps of the bug.

## **May/2017 - February/2018**

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

### **Software Testing and Automation**

- ✓ 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 delivering, 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.

#### **August/2011 - March/2012**

Stefanini Group - Global Digital AI and IT Solutions For A Better Future. <https://stefanini.com/en>

##### **Test Analyst**

- ✓ Collected documentation and test scenarios, execution of test cases (reporting and registering nonconformities).
- ✓ Elaborated documentation and test scenarios.
- ✓ Executed test case (reporting and recording nonconformities);
- ✓ Developed scripts for automated testing and execution of commands (SQL) guaranteeing the quality of the systems.
- ✓ Technologies: SAP CRM Campaign, SAP Segment Builder, and Microsoft SharePoint. Java Selenium Web Application Testing System.

#### **July/2010 - July/2011**

Accenture - New insights. Tangible outcomes. New Applied Now. <https://www.accenture.com/br-pt>

##### **Test Analyst**

- ✓ Sicredi Project (Technologies: Java, Rational Quality Manager (IBM), and Oracle Data Integrator, UML: Enterprise Architect and Microsoft SharePoint). Mapped and documented processes, performed test plans, test scenarios, test cases, use cases, homologation construction of ETL processes and execution of SQL DML commands.
- ✓ Accomplished system approvals, mapping process documentation, drawing up plans, scenarios and test cases, performing functional tests, estimating plans and managing quality indicators. Accompanied in the project of clients involving the application of some methodologies.

#### **ACADEMIC EDUCATION**

- ✓ **Graduation in Software Quality - 2015/2017.**  
<https://www.unisinis.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.