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ADRIANO TANOUE
TEST ENGINEER
QUALITY ASSURANCE SPECIALIST

GENERAL

Name	Adriano Tanoue
Date of birth	18-Sep-1984
Place of residence	Veldhoven, the Netherlands
Languages	Portuguese (native), English, French
Nationality	Brazilian
Experience since	2005

BACKGROUND

Education

2010 – 2012	Post-undergraduate in Game Development *PUC-PR - Pontifícia Universidade Católica do Paraná*
2002 – 2006	Bachelor degree in Electrical Engineering *FEI - Fundação Educacional Inaciana*

Courses/seminars

2020	Spring Integration: Getting Started – Pluralsight – Jesper De Jong
2020	Spring Framework: Creating Your First Spring Boot Application – Pluralsight – Dan Bunker
2020	CukenFest Online - A BDD Conference – cukenfest.cucumber.io
2020	Jekyll - Static Site Generator – Mike Dane
2020	Docker and Kubernetes: The Big Picture – Pluralsight – Nigel Poulton
2020	Introduction to Spring Cloud Contract – Pluralsight – Andrew Morgan
2019	Introduction to Cypress – Test Automation University – Gil Tayar
2019	Effective Automated Testing with Spring – Pluralsight – Billy Korando
2019	Spring Framework: Spring Fundamentals – Pluralsight – Bryan Hansen
2019	Spring: The Big Picture – Pluralsight – Dustin Schultz
2019	The MERN Stack – A React CRUD Application From Start To Finish – CodingTheSmartWay – Sebastian Eschweiler
2019	React: Getting Started – Pluralsight – Samer Buna
2019	Styling React Components – Pluralsight – Jake Trent
2019	RESTful Web Services with Node.js and Express – Pluralsight – Jonathan Mills
2019	AWS Developer: The Big Picture – Pluralsight – Ryan Lewis
2019	Modern Java: The Big Picture – Pluralsight – Sander Mak
2019	Java EE: The Big Picture – Pluralsight – Antonio Goncalves
2018	CukenFest London - A BDD Conference – cukenfest.cucumber.io
2018	BDD with Cucumber and Serenity BDD – SerenityDojo – John Ferguson Smart
2018	Professional Java Development Skills for Testers – SerenityDojo – John Ferguson Smart
2017	Scaled Agile Framework (SAFe) for Teams (certified SAFe® 4 Practitioner) – Scaled Agile, Inc.
2017	Protractor: End to End testing framework for AngularJS Apps – Udemy – Rahul Arora
2017	Test Automation with Appium, Cucumber and Ruby – Udemy – Alex Petrovski
2017	The Complete JavaScript Course: Build a Real-World Project – Udemy – Jonas Schmedtmann
2017	JavaScript: Understanding the Weird Parts – Udemy – Anthony Alicea
2017	Understanding TypeScript – Udemy – Maximilian Schwarzmüller
2017	Mockito Tutorial : Learn mocking with 25 Junit Examples – Udemy – in28Minutes
2016	Master Jenkins Course For Developers and DevOps – Udemy – Renju Ratheesh
2016	Docker Technologies for DevOps and Developers – Udemy
2016	Selenium WebDriver With Java - Novice To Ninja – Udemy – Lets Kode It
2016	Presentation Skills: Create Killer Presentations to WoW – Udemy – Jeff Tan
2015	Behavior Driven development with JBehave – Wipro – Felipe Carvalho
2015	Front End Test Automation – Wipro – Rodrigo Machado
2015	Core Java for Testers – Wipro – Rodrigo Machado

KNOWLEDGE and EXPERIENCE

Programing Languages

Java	6 years
JavaScript	3 years
C#	2 years
Python	1 year

Tools, Frameworks and Libraries

Selenium	5 years
Protractor	1 year
Cypress	1 year
TestFX	2 years
Appium	1 year
Serenity-BDD	4 years
Cucumber	4 years
JUnit	5 years
Jasmine	2 years
ALM / Jira	12 years
RestAssured	2 years
Spring Cloud Contract	1 year
GIT	4 years
Maven	5 years
npm	2 years
Jenkins	3 years
MongoDB	1 year
Express	1 year
React	1 year

Processes and Methodologies

Test Management	10 years
Test Strategy	10 years
Test Automation	5 years
Defect Lifecycle	14 years
BDD	6 years
Business Analysis	4 years
Agile	8 years
Scrum	6 years
Waterfall	8 years

EMPLOYMENT OVERVIEW

Period	Position	Company
Nov/2017 – present	Test Engineer	WAES (allocated @ ASML)
Set/2014 – Aug/2017	QA Technical Specialist	Wipro Technologies (allocated @ Mastercard)
Jan/2013 – Sep/2014	Test Lead	Telefônica Brasil (former Global Village Telecom)
Nov/2011 – Oct/2012	QA Consultant	Cognizant Solutions (allocated @ JMalucelli Seguradora)
Sep/2009 – Nov/2011	Test Coordinator	HSBC Global Technology
Apr/2005 – Mar/2008	Test Analyst	Hewlett-Packard (former Electronic Data Systems)

PROJECTS

Dec/2017 – present	**Test Engineer** ***ASML – LithoInsight Alignment***
	Besides the lithography machines, ASML also provides software products for analysis of reserch and development data. One of these applications is a monolith with many tools that help evaluate microchip architecture strategies and provide improvement suggestions through mathematical simulations.
Situation	Every tool within the monolith application is produced and maintained by different teams. Most of these teams struggled with testing strategies, coverage, time of execution and having too many manual regression tests every sprint. One of the teams was starting a new tool from scratch with a different approach in software architecture and after convincing their manager, some budget was allocated to hire a dedicated Tester.
Task	The main direct requests for this project were to alleviate the load of manual regression tests being executed by the business analysts, and to come up with a strategy for test coverage on the software side. After the initial intake, I realized the actual task at hand was to improve the way requirements were defined and understood.
Activities	In this role I: ■ Implement the test automation framework following the reference architecture. ■ Write automated functional tests. ■ Automate test reports to serve both business and development people. ■ Coach the team into BDD practices. ■ Research alternative approaches to testing with new technologies. ■ Conduct technical interviews for hires in other teams. ■ Help with defining a test approach for a technology shift to micro-services.
Results	Achievements in this role were: ■ Test strategy implementation for multiple teams, defining the functional level test automation framework. ■ Shaping the way requirements are understood with 3-amigos sessions to indentify executable specification ■ Production of living documentation that incorporates requirements, test plans and test results.
Technologies	Java, Maven, JavaFX, TestFX, Cucumber, Serenity-BDD, JavaScript, npm, React, Cypress, Spring Cloud Contract, RestAssured, Python, RobotFramework.

Oct/2018 – Aug/2019	**Testing Chapter Lead** ***WAES – Organizational Structuring***
	A representative of each technical stack was chosen among the company's consultants to become the point of contact in regards to employee satisfaction, budget approvals and client management.
Situation	WAES had been growing at an increasing rate since the first part of 2018, and internally there was no organizational structure (managing all the consultants was being done by the same person). Tasks like getting feedback from consultants and clients, setting expectations and tracking achievements were disconnected. Although the growth of the number of Testers was stationary, management decided to roughly divide the consultants into chapters by technology stack (Java, .Net, Testing and Front-end), making the Testing chapter the smallest of all.
Task	As the a Chapter Lead, the responsibilities were to maintain a warm, happy and knowledgeable chapter, assist the personal growth of chapter members, provide technical support for the sales team and specially hiring support for the recruitment team. For this role the Chapter Leaders would have to dedicate 20% of their time while maintaining 80% allocation in the client.
Activities	In this role I: ■ Conducted monthly meetings with each chapter member for updates and follow ups. ■ Review and approve study budget usage by chapter members. ■ Worked closely with the recruitment team to come up with a workflow that would serve the technical evaluation of new candidates. ■ Conducted technical interviews of Testing domain candidates for hiring. ■ Trained new technical interviewers. ■ Help prepare newly hired Testers for clients' selection processes. ■ Worked with the sales team to go through client feedback together with chapter members.
Results	Achievements in this role were: ■ A completely revamped technical assignment that is sent to Tester candidates. ■ Creation of an application to scale the review of technical assignments (so that every chapter member could provide a baselined assessment of the work that hiring candidates delivered). ■ Acceleration of the Testers hiring growth to match clients demands in number and quality.
Technologies	Java, JavaScript, Maven, npm, React, Gatsby, Selenium, RestAssured.

Apr/2016 – Aug/2017	**Quality Assurance Technical Specialist**
	Wipro – Tech Specialists Initiative
	I was part of a selected group of professionals who were considered to be the most knowledgeable about their respective area (e.g. Software Development, Project Management and, in my case, Quality Assurance) inside Wipro's Mastercard account. This team was put together with the intent of identifying any areas of process improvement or knowledge gaps within the whole account, then come up with a plan for upscaling overall quality of client delivery. The action plans could range from providing coaching and training to side projects of applications that automate repetitive managerial tasks.
Situation	The first year focused on a survey to be answered by all employees in the Wipro-Mastercard account that pointed any pain points and area of improvements based on the participants' role in their projects. In 2017 the focus had been on the creation of an online tool to help control overtime hours for the employees working from home. The Tech Specialists team had 6 members at the time.
Task	My role in this initiative was to make sure that not only Testers have a good understanding of Software Quality Assurance processes and methods, but also have Team Leads and Developers aware of the importance and dependencies of QA as a whole (big picture). In the overtime control app project, I had assumed the role of a Business Analyst, making sure the understanding of what is required of the system to be and what will actually be delivered are beautifully matching.
Activities	In this role I: - Conducted weekly meetings with all Testers to check their technical needs. - Provided coaching and trainings on Test Design Techniques, Testing Frameworks for Agile and Test Best Practices and Mindset. - Interviewed candidates for Testing roles at Wipro. - Created a tool to assess (Test and Dev) candidates competency in a quantitative manner. - Coached a backup Tech Specialist for QA. - Put together documentation on environment configuration for Test Automation directed to non-developers, so Testers could start practicing automation on their own or at home.
Results	Achievements in this role were: - Suggestions provided to the Testing Team brought performance and overall quality improvement in delivery and satisfaction from both clients and Wipro Testers. - The transition from Manual Tester to Automated Test Engineer of the Testing Team was smoother due to my efforts in recognizing that their biggest difficulty was not coding languages, but all the necessary setups that come with it. - Greatly reduction of time spent on hiring new employees with the competency assessment tool.
Technologies	Java, Eclipse, Maven, Selenium, JBehave, JUnit, Rally (ALM).

May/2016 – Aug/2017	**Senior Test Engineer**
	Mastercard – Reward Solutions
	Mastercard has many loyalty programs to help banks and business acquire, retain and grow customer numbers. Available solutions range from point-based and cash back products to household-cardholder relationship management. While on this project, the team was transitioning from one big waterfall-type group to 2-3 smaller agile-based teams. My previous experience with Agile helped guide the team on both Testing and general Development best practices.
Situation	With a growing number of members and programs using Mastercard solutions, the need for improvement in batch processing performance and new ways for customers to enroll have become mandatory.
Task	As a Senior Test Engineer, I was responsible for scripting automated tests in the regression suite to ensure all modifications in front-end and back-end did not compromise main functionalities and extract test scenarios out of new change requirements.
Activities	In this role I: - Used Maven Java projects to code automated tests with Selenium webdriver and JBehave for user-based test design. - Created and executed regression tests for batch performance enhancement changes, including test data analysis and preparation (mostly Bash and SQL). - Created and executed Acceptance Criteria for the stories of a new Customizable Enrollment Widget application using Rally as Agile board and ALM. - Coach Junior and Senior team members on Agile practices, while suggesting the best approach depending on the project needs.
Results	Achievements in this role were: - A comprehensive suite of automated regression tests that generate live reports in business readable presentation. - Ensured quality and consistency of data out of the improved batch processes. - Reduced time within iterations in creating and validating Test Scenarios as Acceptance Criteria that are concise, comprehensive and reusable.
Technologies	Java, Eclipse, Maven, Selenium, JBehave, Junit, SVN, Bash, SQL, Page Objects, Rally(ALM), Scrum, Kanban

Aug/2015 – May/2016	**Senior Test Engineer** *Mastercard – Nomos*
	Nomos was a Mastercard internal prototype project to automate the deployment of all applications to every high level environment (System Integration Testing, Pre-Production and Production). A small team was put together to take this project which consisted of a front-end AngularJS application managing and monitoring backend scripts running in Linux servers using REST API.
Situation	Every deployment from any Mastercard project required extensive planning and long hours including exploratory and sanity testing, especially when deploying into production.
Task	As a Senior Test Engineer, I was responsible for scripting automated end-user tests for the front-end Nomos application, as well as identifying and executing test scenarios for all black-box functionalities.
Activities	In this role I: ■ Used JavaScript projects to code automated tests with Protractor framework (end-to-end testing for AngularJS) and Jasmine. ■ Configured live reports to be generated after each automated test suite run. ■ Created and executed new test scenarios for the Nomos application in development.
Results	Achievements in this role were: ■ Mastercard's first suite of automated tests in JavaScript (Protractor) for an AngularJS application that generates live reports. ■ A tool that greatly reduced time and cost of any deployment within Mastercard IT. ■ ALM tool configured for the project from ground up.
Technologies	JavaScript, Protractor, Jasmine, Selenium, SVN, Bash, Page Objects, REST, Rally (ALM), Scrum.

Sep/2014 – Aug/2015	**Senior Test Engineer** *Mastercard – In Control*
	Mastercard In Control provides a way for card issuers and cardholders to manage expenses, generate reports and create virtual cards. Every issuer and bank around the globe can have their own customized portal for Mastercard In Control. This project's team was comprised by members from US, Ireland, Brazil and Malaysia; and featured multiple applications running in different servers for the backend and many more configurable front-end URLs.
Situation	For every new bank or card issuer program that made In Control available for its clients would have its own portal with different optional features. When new business rules included new or affected old features, extensive validations were required.
Task	As a Senior Test Engineer, I was responsible for identifying test scenarios based on change requirements of business rules and for setting up new test environments when necessary. I also led an automation effort for all tests that were common in any variation of the programs.
Activities	In this role I: ■ Created and executed test scenarios to validate business changes, including test data analysis and preparation. ■ Set up environments for testing using Apache Tomcat, IBM WebSphere and Red Hat JBoss. ■ Used Maven Java projects to code automated tests with Selenium webdriver and JBehave for user-based test design.
Results	Achievements in this role were: ■ Kicked off the first automated test suite of the long running In Control project. ■ Seamless coordination of testing efforts among teams from different locations and time zones. ■ Well mentored new team members on the project practices and business. ■ Mastercard High Five Award for commitment and quality of service.
Technologies	Java, Eclipse, Maven, Selenium, JBehave, Junit, Tomcat, WebSphere, JBoss, Page Objects, Rally (ALM), Scrum, Kanban.

Jan/2013 – Sep/2014	**Test Lead**
	Global Village Telecom – Products Customization
	GVT is a company that offers high-speed broadband across its area of operation, paid TV with high-definition channels, as well as integrated and convergent advanced landline telephony. TV services became available later in the roster of products, so most projects at the time were focused on adapting legacy systems to accommodate the new range of services and combination of products.
Situation	New products, combos and promotions were set up and configured via one single application, the project I worked on had to include these items into the application and make them customizable.
Task	As a Test Lead, I was responsible for identifying test scenarios based on requirements, setting up test data and coordinating test execution with an onsite testing team.
Activities	In this role I:
	▪ Created and executed test scenarios (HP Quality Center) to validate business requirements, including test data analysis and preparation (SQL).
	▪ Generate Daily Test Status reports and manage physical boards for upper management.
	▪ Define Test Plans and Strategy based on project needs, staff and schedule.
	▪ Set up test environments that simulated real world telecommunications hardware.
	▪ Managed test execution and defect reporting and lifecycle.
	▪ Defined Testing Frameworks based on experience that helped elevate the whole QA area's understanding of processes and testing artifacts.
Results	Achievements in this role were:
	▪ Created and standardized a tool to generate test execution daily reports for all active projects.
	▪ Led the definition of a Quality Assurance framework for testing teams.
	▪ Partially automated the setup of test environments reducing a 4 hours effort to 20 minutes.
Technologies	HP Quality Center (ALM), MS Excel, SQL (Toad), REST (SoapUI), Scrum, Waterfall.

Nov/2011 – Oct/2012	**Quality Assurance Consultant**
	JMalucelli Seguradora – Business Insurance Products
	JMalucelli Seguradora is a Brazilian insurance company associated with American company Travelers since 2010 that operates exclusively with warranty insurance. Among its products, some offered are: Civil Liability, Patrimonial Insurance, Engineering Risks and Financial Lines.
Situation	The change from family company to newly established joint venture with insurance giant Travelers required adoption of market grade processes and methodologies. Travelers suggested a partnership with Cognizant for hiring local senior IT consultants on servers' management and overall Quality Assurance.
	When I joined the project there was no QA team nor processes in place.
Task	As a QA Consultant, I was responsible for acting on all inexistent QA fronts, helping the transition from small family company to big corporation mindset.
Activities	In this role I:
	▪ Identified the best approach for QA efforts while not having dedicated professionals for the area.
	▪ Acted partly as Business Analyst filling the gap between the client with its needed product and rules and the Development team, mostly by having both sides understand what would be tested to cover all functionalities.
	▪ Generate Daily Test Status reports for upper management
	▪ Managed smaller side projects as necessary.
Results	Achievements in this role were:
	▪ Built the QA process of the company from ground up with no ALM tools.
	▪ Created mock applications based on business requirements for the Development team to have more broken down functionalities and business rules to work on.
	▪ An application with high usability whilst having very intricate and complex rules and many case-by-case exceptions.
Technologies	MS Excel, SQL (Toad), REST (SoapUI), Scrum, Waterfall.

Sep/2009 – Nov/2011	**Project Test Coordinator**
	HSBC - Global Technology – Card Act adaptation
	Global Technology is the IT branch of HSBC, having projects and teams distributed all over the globe. At this period the US market was coming back from the 2008 crisis, and some federal rules (Credit Card Accountability Responsibility and Disclosure Act) were put in place to prevent the issue from rising again.
Situation	The new CARD Act made credit card users protected from retroactive interest rate increases on existing card balances and have more time to pay their monthly bills, greater advance notice of changes in credit card terms and the right to opt out of significant changes in terms on their accounts.
	I have participated in projects related to two major rules: Limited credit to young adults and Subprime cards rules set.
Task	As a Project Test Coordinator, I was responsible for reviewing business requirements and extracting test scenarios, manage test case creation and execution of an offshore testing team. Also, with a fast growing QA team in the Brazil branch, I put together trainings and presentations to all new comers.
Activities	In this role I:
	▪ Produced Test Plans, Test Strategies and extracted Test Scenarios out of business requirements.
	▪ Validated and reviewed Test Cases with Developers and Business teams to make sure the understanding is common among all members.
	▪ Risk-based prioritization of Test modules.
	▪ Generate detailed Daily Test Status reports.
	▪ Conducted daily Defect Management meetings with teams from various locations.
	▪ Metrics and effort planning and control.
	▪ Provided trainings for new members of the Testing team.
Results	Achievements in this role were:
	▪ A comprehensive test suite for all new very complex business rules to be applied to the credit card systems.
	▪ HSBC Global Technology RISE (Recognition of Individual Superior Effort) Award for training and capacitation of junior members.
Technologies	HP Quality Center (ALM), MS Excel, REST (SoapUI), Waterfall, V-Model development strategy.

Apr/2005 – Mar/2008	**Test Analyst**
	Electronic Data Systems – Commonwealth Bank of Australia Cards
	EDS despite being a subsidiary of General Motors since the 1980s, had a wide range of industries for which it provided Information Technology services.
	While in the company, I entered the Quality Assurance realm for the first time as a Test Analyst mainly due to my fluency in English (which was required since most of the projects were outsourced).
Situation	The Commonwealth Bank of Australia had just strengthened its relationship with EDS going from hardware and processing provider to also include service oriented contracts. This aimed to deliver more efficient operations, significant service improvements and cost savings across the bank.
Task	As a Test Analyst, I was initially responsible for writing and executing Test Cases for credit card operation projects, opening defects and managing test evidences; and later for reviewing business requirements and extracting test scenarios.
Activities	In this role I:
	▪ Wrote and executed test cases in step-by-step model.
	▪ Opened defects and tracked their lifecycle throughout the project.
	▪ Provided evidence of execution and retests when required.
Results	Achievements in this role were:
	▪ Deep understanding of the importance and workflow of Testing activities.
	▪ Very detailed project documentation with no room for ambiguities.
	▪ Strong client satisfaction with applications' quality delivered.
Technologies	HP Quality Center (ALM), MS Excel, Waterfall.