



Tiago Silva

A hands on Lead QA with an Experienced Senior/Staff QA background and a demonstrated history of working in technology and services industry.

A strong quality assurance professional skilled in Test Automation, Testing Pyramid layers and processes.

Ruby, JavaScript, Java, Python, C#, Playwright, Wdio, REST+GraphQL API Testing, Selenium, Watir, Capybara, Postman, Appium, Testcafe, Cypress, Cucumber, Jenkins CI, Gitlab, Jira, Git, Kanban, Scrum, Docker...

- WORK EXPERIENCE -

Senior QA, TeamStation, Remote: August 2024 – Current day

[Stack]

- Backend/Frontend/App * Lucee + ReactNative

[Responsibilities]

- Responsible for Web team's best practices, overall quality of product, risk mitigation and impact.
- Responsible for implementation of CodeceptJS Puppeteer framework and its tests
- Responsible for implementation of Rest API test framework and its tests
- Responsible for the testing strategy in regards to automation and best practices.
- Responsible for the creation of CI/CD tests integration

[Achievements]

- I've created the E2E framework using CodeceptJS and Playwright
- Implemented the first Rest API tests and its framework
- Implemented Mail helpers, SQL DB Helpers, Page Object Model
- Increase in Code Standards using linters, shift left approach and KISS/DRY and SOLID Principles.
- Implemented Mocks/Stubs, Integrated tests on the Jenkins CI and Massively decreased the execution time while increasing the tests coverage.

Lead QA, Scalix, Remote: April 2024 – June 2024

[Stack]

- Angular, REST API

[Responsibilities]

- Responsible for Web team's best practices, overall quality of product, risk mitigation and impact.
- Responsible for implementation of Python E2E tests
- Responsible for the testing strategy in regards to automation and best practices.
- Responsible for the creation of CI/CD tests integration

[Achievements]

- I've created the E2E framework using python and playwright
- I've dockerised it and integrated it with Github using Github Actions
- I've implemented the REST API e2e tests using Python

- Flagged out many security issues like XSS and SQL injection
- Added accessibility verifications to text to speech, keyboard navigation, color contrast

Senior QA, *Klir*, Remote: August 2023 – April 2024

[Stack]

- Angular, Java BE, Flutter(Android/iOS)

[Responsibilities]

- Responsible for Web team's best practices, overall quality of product, risk mitigation and impact.
- Responsible for the testing strategy in regards to automation and best practices.
- Mentor and hands on developer and contributor to tests for Web, Mobile and API integration frameworks

[Achievements]

- I've worked on the old integration framework for web using C# and Playwright, but after a careful analysis and due to the team's skillset, changed this to Cypress (JS) and implemented the Web + API tests, its docker-compose and pipeline.yml files for the Azure pipeline.
- I've added cucumber to the mobile tests (these are using WebdriverIO) and integrated with Browserstack
- I've implemented an environment to be spun up at the PR level where we create accounts and seeds using SQL to make use of the integration tests in an isolated and controlled way. These feedback to developers while they're still working on the given task and are part of the so desired shift left approach.
- I've stripped out details on user stories and helped PO/Designer to define User stories in a better way which is resulting in less ambiguity and more direction on the results we look to have from development.

Senior QA, *Depop*, London: Mar 2022 – Ending in mid August 2023

[Stack]

- Scala, Node, React(FE)

[Responsibilities]

- Responsible for Web team's best practices, overall quality of product, risk mitigation and impact.
- Responsible to assure the high standards of the product with an eye on efficiency of the development lifecycle as well as implementing a testing pyramid strategy with a shifting left mentality.
- Responsible to assist the team on continuously getting the feedback on their operational performance, as well as helping to prioritise work and effort.

[Achievements]

- I've made an audit which resulted in several actions aligned with all the team members that are resulting in a lot of improvements and mitigation of issues entering production.
- Added validations using DangerJS to our ci to make sure no code is introduced without tickets attached.
- Implemented an Accessibility testing solution which creates reports and highlights areas that need improvement.
- Maintaining and expanding the coverage on our E2E framework (Cypress), as well as reviewing tests (Jest).
- Integrating Visual Comparison tests to our ci using Percy (part of Browserstack)
- Under rotation: Mobile releases responsible and smoke manually tests on apps

Staff TE, Hopin, London(Remote): May 2021 – Mar 2022 (Redundancies)

[Stack]

- Rails, React(FE)

[Responsibilities]

- Maintaining the E2E tests framework using (Testcafe) JS and Typescript.
- To guide and to be an advocate in testing best practices to help the teams on identifying the layers for testing using the shifting left mindset.
- To make the teams self-sufficient on where and when to test

[Achievements]

- Implemented System tests layer on Rails monolith app (using Capybara + Selenium + RSpec) in order to test on an earlier stage and without the need to deploy to an environment, making use of factories and traits (Improving speed and reliability without compromising coverage).
- Implemented an Accessibility testing solution which creates reports and highlights areas that need improvement.

Senior QA, Yapily, London: August 2020 – Apr 2021

[Stack]

- Java, React(FE), REST API's

[Responsibilities]

- Responsible for the implementation of the integration tests framework using Java 8, Rest-assured, Serenity, Selenium

[Achievements]

- Implemented on the fly validations with Postman and integration on the ci using JS and newman.
- Introduction of mocks to overcome the limitations of the absence of live consents using Hoverfly.

Lead QA, Travelex, London: October 2019 – Jun 2020 (Redundancies)

[Stack]

- Java, REST API's

[Responsibilities]

- Responsible for line managing the QA engineers, career development, team morale, HR matters (absence & performance), recruitment process, team structure
- Working with external QA team to ensure the QA's have the right skills and mindset for the team
- Ownership of the QA strategy across the backend team/platform
- Being an advocate for the QA strategy within the team and promoting practices that increase quality
- Mentoring QA (and backend) engineers
- Embedded on a squad team
- CI/CD refinement
- Java, AWS, Cucumber, Datadog, Docker, Git, Jenkins, Jira, Junit, Logz.io, Postman, Snyk

- Component, Integration, Contract Tests(Pact).

[Achievements]

- Decreased the execution time for the tests without compromising the coverage.
- Improved coordination between London teams and Moldova teams

Senior QA, *Farmdrop*, London: March 2019 – October 2019 (Redundancies)

[Stack]

- Rails, React(FE), REST API's, GraphQL

[Responsibilities/Achievements]

- Created frameworks from scratch to test GraphQL and REST API's, and also for Web.
- Integrated tests with docker and set them to run on our CI pipeline.
- Migrating Cypress tests(JS) to Ruby/Selenium

Senior QA, *Rated People*, London: November 2017 – January 2019

[Stack]

- Java, REST API's, Angular

[Responsibilities/Achievements]

- I've been using Ruby with Selenium, Capybara and Cucumber for the development of functional tests.
- As for Rest API testing, Ruby with HTTParty gem.
- For Visual screenshots comparison I've created a framework and a gem that compares (and highlights) differences before and after deployments.
- Created an Appium framework for iOS and android testing using Ruby and Capybara.
- Managing builds and deployments and some tasks on AWS, SQL db's, docker.
- I've been mentoring 2 junior QA's and 1 senior QA on developing their skills with automation for the UI tests.
- Doing several releases a day with implemented CD.
- SCRUM/JIRA/GIT/Bamboo (CI/CD/Deployment/release).

Senior QA, *Elsevier*, London: March 2016 – June 2017

[Stack]

- Angular, Node, React, REST API's

[Responsibilities/Achievements]

- Created testing frameworks using Ruby, Cucumber, Rspec, HTTParty, PageObjects, Selenium, Watir, Javascript, CucumberJS, Mocha, Chai, Java 8, Spring
- SCRUM, KANBAN, GIT, JIRA
- Exploratory testing, Accessibility testing, Security and Penetration Testing (Burpsuite).

Junior QA, Porto Tech Center, Porto: January 2015 – March 2016

[Stack]

- PHP, React, REST API's

[Responsibilities/Achievements]

- Created testing frameworks using Ruby, Cucumber, Rspec, HTTParty, PageObjects, Selenium, Watir.
- SCRUM, KANBAN, GIT, JIRA.

- EDUCATION -

- 2008 – 2013: Computer Engineering at Polytechnic Institute of Guarda.
- 2012 – Erasmus Anadolu University (Turkey)
- Level 3 Computer Technician Course

- SKILLS -

- Proven ability to lead a team and to mentor members of staff.
- Experience on migrations from monolith architectures to microservices.
- Experience on building frameworks from scratch integrating them on the ci/cd, reporting and with parallel execution.
- Experience on working with docker and cloud executions.
- Experience in strategies to speed up the tests executions without compromising the coverage.
- Experience on SCRUM and Kanban knowing what good looks like and how to have it.
- A Team player and a dedicated colleague who's able to do all of these things because I've never been alone on the journey.

- INTERESTS -

When I am not working, I enjoy going to the gym, swimming, spending time with my family and driving my go kart and bicycle.