

Gabriel Francischini

QA / SOFTWARE DEVELOPMENT ENGINEER IN TEST (SDET)

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SUMMARY

QA / SDET Specialist with 5+ years of experience in Test Automation, Performance Testing, and Product Validation. Skilled in developing scalable test frameworks and optimizing CI/CD pipelines with Jenkins. Proficient in Python (Pytest, Robot Framework, Selenium, Playwright) and DevOps tools (K8s, Docker, Linux). Comfortable with Agile principles and leading meetings (plannings, triages, retros, dailies) when needed. Skilled in cross-functional collaboration with remote teams from Canada, US, Europe, India and LATAM. I'm also open for roles that offer relocation support, as I am eager to bring my skills to a global stage.

PROFESSIONAL EXPERIENCE

QA / SDET Specialist - Encora Inc. , Campinas, BR – Full Remote

02/2021 - Present

2nd Client: Telecommunications (Ottawa - CAN)

10/2021 - Present

- Designed and implemented performance test cases in Python (Pytest) and Bash for the Optimized Team, focusing on Kubernetes pod scaling and hardware (CPU, memory, disk, accelerators, network) variations across diverse OS variants such as: single-node, multi-node, and large AWS EC2 (1000+ instances) cloud clusters. Conducted benchmarking under varying loads to assess scalability and robustness, helping demonstrate platform resilience to clients and supporting business expansion. After setting up the Jenkins pipelines and regression jobs for these tests, and assisting interns and testers of this team in their needs, I transitioned to another team responsible for testing the platform upgrades and validating the product for releases, where I had already been contributing simultaneously.
- In the Upgrade Team and Validation, I ensure the Cloud Platform upgrades and applies patches smoothly, keeping applications functional during this process, which is essential for successful releases.
- I led the migration of all Jenkins pipelines for the Upgrade Team to an ephemeral K8s deployment, with all pipelines implemented as Infrastructure as Code (IaC). This improved disaster recovery, high availability, consistency, and reduced downtime compared to the previous single-node Jenkins setup.

Open source contributions: [StarlingX Test](#)

Key Technologies and Tools: Pytest, Python, Jenkins, Selenium, K8s, Docker, Linux Bash, AWS, Elastic Search, Kibana, Git, Postman, PTP, Puppet, Ansible, Microsoft Visio, Teams, Zoom, Jira, Xray, Confluence.

1st Client: Healthcare (New York - US)

02/2021 - 10/2021

- This client's product allows users to skip lines by identifying themselves in a friction-free manner using various types of identification on a physical device. I created a TypeScript automation to verify user credentials (passport, boarding pass, ID, photo, biometry) in all devices, in stadiums or airports. Therefore, every new place the company established a device, the automation ran on it to verify if users could be successfully verified for all types of credentials in a fast way, which made the expansion easy.

Key Technologies and Tools: Jenkins, TypeScript, Selenium, Mocha/Chai, Git, Postman, SonarQube, Jira

EDUCATION

Bachelor's in Computer Science - University of São Paulo (USP) - TOP 1 University in Brazil **2016-2021**

- **Coursework:** For information on all the courses and certifications: www.gabrielf.com.br/education/
- **Major:** [Software Engineering \(High Grades\)](#)
- **Technology Mentor (Voluntary Work):** I provided personalized guidance and support to empower older adults in navigating the world of smartphones, tablets, computers, and various digital platforms.

CERTIFICATIONS / COURSES / RECOGNITIONS

[Recognition for continuous efforts and dedication](#), Encora Inc.

[Recognition for outstanding performance and proactiveness](#), Encora's Telecommunications Client

[CTFL 4.0, ISTQB - Agile Tester \(CTFL-AT\)](#), ISTQB - [Test Manager \(CTAL-TM\)](#), ISTQB

[Python for Computer Science I and II](#), University of São Paulo (USP)

[Robot Framework Test Automation](#), Udemy

[Kubernetes Mastery](#), Udemy

[Puppet for the Absolute Beginners - Hands-on](#), Udemy