Filipe Freire
Lead Software Tester / Test Engineer

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⚙ About Me

- I'm a cross-functional Software Tester, and an Engineer. I'm currently helping DIGIT Game Studios revamp their server-side testing efforts and automation tooling.

- In the past I've helped different projects in different industries with my software testing and test engineering experience: from Web and Mobile Apps, to distributed stream processing services, and all sort of backend APIs.

- I love contributing to open-source software and sometimes speak at conferences and meetups about testing and other subjects. I've also contributed to books, quality awards, and other projects. For a detailed list go to https://filfreire.com/work/

- My current and future interests involve solving Test problems through context-driven approaches, developing accessible test tooling and studying large scale software systems from a performance testing and security perspective.

⚙ Experience

DIGIT Game Studios
Test Engineer

September 2020 – Present
Remote/Spain/Ireland

- Current main focus is developing tooling/automation that is used by different game feature teams to perform all kinds of server-side system-level and load testing efforts.
- Tech: Python, Redis, Docker, Jenkins, Charles Proxy, k6.io, Paw, Postman, bash, Kibana, Datadog, git, AWS web console and cli, DynamoDB, Fargate, UNIX-like OS...

adidas
Lead Software Tester

July 2018 – August 2020
Zaragoza, Spain

- "Coding" Tester with added first-level management responsibilities (of 6 internal testers and 7 external testers). Worked on the adidas mobile APP and Hype projects.
- Tech: Java (+ Serenity, RestAssured, ...), Typescript, Javascript(mocha, chai, express, ...), NodeJS, Mongo, Redis, Kubernetes, Docker, Jenkins, Charles Proxy, k6.io, Postman (and newman), bash, Grafana, Kibana, Instana, git, AWS web console and cli, UNIX-like OS...

Blip (PaddypowerBetfair)
Test Automation Engineer

June 2017 – June 2018
Porto, Portugal

- Responsible for automation in testing of topologies/APIs, exploratory testing, and setup and maintenance of continuous integration and deployment pipelines.
- Tech: Scala (scalatest, ...), Apache Kafka, Apache Cassandra, Apache Storm, Java, Postman, Jenkins, GoCD, Splunk, Sumologic, Grafana, PagerDuty, bash, git, UNIX-like OS...

Jumia Services
QA Engineer

May 2016 – June 2017
Porto, Portugal

- Responsible for automation in testing and development of API integration checks applied to microservices in Warehousing team.
- Tech: Java (Spring, Spring-boot, Selenium, Cucumber), Postman, RabbitMQ, PostgreSQL, Mongo, Jenkins, bash, git, UNIX-like OS...

INESCTEC   September 2015 – April 2016
Research Fellow   *Porto, Portugal*
> Frontend development (HTML5, CSS, JS (jQuery, leaflet, bootstrap, a bit of Angular, and other libraries)
> Backend development (Python, PostgreSQL). Deploying and tuning applets on Apache Tomcat.
> Usability testing, Performance testing. Studying and working with OGC standards (SOS and WMS among others).

Jumia Travel   January 2015 – April 2015
Intern QA Engineer   *Porto, Portugal*
> Programming automated checks with resource to Ruby, Selenium Webdriver and Cucumber.
> Implementing and documenting tests and test techniques; Using JIRA, Jenkins and Testlink.
> Testing user-stories and defect fixes.

IPP (CISA ESTSP)   March 2014 – July 2014
Research Fellow   *Porto, Portugal*
> Web development (Javascript, PHP, MySQL), project planning, usability testing, bibliographical research, acquiring digital images on microscopes.

🎓 Education

School of Engineering, Polytechnic of Porto   2014 – 2016
Masters in Electrical and Computer Engineering *, Robotics   *Porto, Portugal*
> Studies and projects in robotics, computer vision, robot kinematics and dynamics, embedded systems, perception and sensors, estimation and tracking (*Masters not finished, more than half of the course completed).

School of Engineering, Polytechnic of Porto   2011 – 2014
Degree in Computing Engineering and Medical Instrumentation   *Porto, Portugal*
> Several projects in software (signal and image processing, web development) and electronics (data acquisition and monitoring systems).

🎓 Trainings

Rapid Software Testing Managed (by Satisfice, Inc.)   August 2020

Rapid Software Testing Explored (by DevelopSense)   December 2019

Rapid Software Testing Applied (by Satisfice, Inc.)   August 2017

🎓 Projects/Publications

Data discovery mechanisms and metadata handling in RAIA Coastal Observatory (link)   June 2016

⚙️ Curiosities

Fluent in Portuguese and English; average in Spanish and French. Helped assemble sound systems for events of 100-500 people, 5 to 10 events per year (from 2014 to 2018); During high-school participated and won some programming contests; Practiced Handball, Orienteering, Chess and Cycling.