



João Duarte Pinto

Software Engineer

As a highly skilled and motivated software engineer with experience in software engineering in test, my objective is to leverage my expertise and skills to contribute to the success of a dynamic and innovative software development team. I am a lifelong learner and am passionate about exploring and adopting new technologies to enhance my skills and knowledge in the field of software development.

Contact

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Education

2020-10 - 2021-06

Postgraduate: Switch(Dev)

Instituto Superior de Engenharia do Porto

SWitCH() is a programme for acquiring competencies and skills in IT. Applies iterative and incremental/agile development processes to provide a solid comprehension and application of software development skills.

Technical Skills

- Javascript
- Python
- Java
- Bash
- Linux
- Docker
- AWS
- Git
- GitLab
- Cypress
- Postman
- Jenkins
- GitLabCI
- Groovy
- Ansible
- Maven
- NPM
- ChatGPT

Languages

Portuguese, Native

English, B1

Experience



Feedzai



2022-05 - Current

Software Engineer in Test



2021-09 - 2022-04

Associate Software Engineer in Test

As a Software Engineer in Test, I have played a vital role in enhancing the quality of our software. My focus has been on creating a seamless developer experience by designing and implementing efficient tools and processes that enable faster and more effective software development resulting in increased productivity and faster time-to-market for new features. I have automated various manual tasks and streamlined workflows.

My responsibilities also include test automation, which involves designing and maintaining automated tests to ensure that our software meets the highest standards of quality. I have used automated testing frameworks such as Cypress and developed scripts to automate testing processes.

Apart from development, I have been involved in DevOps, where I have designed and developed scripts and tools to automate deployment and testing processes. I am skilled in GitLabCI, Jenkins, Docker, Ansible, and AWS, and have worked on continuous integration and deployment pipelines.

In addition to my contributions to software testing, I have also played a role in backend development in which I have utilized Python (Django), Postgresql, and Liquibase to design and develop backend systems.



2021-07 - 2021-08

Software Engineer Intern

Jenkins builds as Code - My primary responsibility was to analyze the existing Continuous Integration (CI) pipelines and identify ways to improve their maintenance and scalability. To accomplish this, I collaborated with the senior developers and DevOps engineers to understand the current CI processes and identify areas for improvement. The result of this project was a proof of concept in how could we move to pipelines as code.



Gil Vicente FC



2019-07 - 2020-09

Physiotherapist



Sporting Clube de Braga



2017-09 - 2019-06

Physiotherapist



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Open Source contributions

Sorry Cypress

Sorry Cypress is a free and open-source testing tool that offers an alternative to the Cypress Dashboard. It is cloud-based and allows you to run Cypress tests on a distributed network of machines, providing faster and more reliable test results.

One of the key advantages of Sorry Cypress is its extensive integration options via webhooks. However, prior to my contribution, Sorry Cypress did not include integration with Google Chat for sending notifications to this communication platform.

The idea for my contribution came from the fact that many organizations use Google Chat as their primary communication platform. By adding integration with Google Chat, Sorry Cypress can provide an even more flexible and convenient testing solution for teams using this platform.

Soft Skills



TEAMWORK



PROBLEM SOLVING



ADAPTABILITY



GOAL ORIENTED



EMPATY



RESILIENCE



GRIT



RAISE THE BAR



OPEN-MIND



ATTENTION TO
DETAIL

Certifications

2022-03

Certified ISTQB® Foundational
Level (CTFL)

Globally recognized software testing certification that provides a standard understanding of software testing principles, techniques, and processes. It covers topics such as the fundamentals of testing, testing throughout the software life cycle, static techniques, test design techniques, test management and tools.

Personal Projects

Personal Website

I designed and developed a personal website using Gatsby, a modern web framework based on React, HTML, CSS, and GraphQL. The website features a responsive and user-friendly design. This project showcases my skills in web development and project management, as well as my passion for continuous learning and improvement.

Whatajoke

I developed a Python CLI application that utilizes Selenium to send jokes to a WhatsApp group. By integrating the Jokes API, I implemented a reliable and efficient way of retrieving jokes. Through this project, I gained hands-on experience in Python programming and API integration, as well as developed effective problem-solving skills.

Serverless Schedule Reminder

I developed a Node.js application using the Serverless framework that sends a reminder email to feed my turtle. The app utilizes AWS SNS to send emails and AWS Lambda to execute the code. This project demonstrates my proficiency in Node.js development and AWS services integration.

Photo Album Website

The website is a photo album designed to share pictures with friends who visit my home. It is hosted on a Raspberry Pi, which acts as a server, providing access to the site locally. The site is built using Gatsby, a popular open-source framework for building static websites. The photo album provides a great way to share memories and connect with friends and family.

Technical Education

2023-02 - Current

TDD & BDD - Design through Testing

Comprehensive guide to the Test-Driven Development (TDD) and Behavior-Driven Development (BDD) approaches in software development. The course covers the fundamental principles of TDD and BDD, including the importance of automated testing and how to write effective tests.

It also provides practical techniques for applying TDD and BDD to real-world projects, including continuous integration and deployment.



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