

Pedro Henrique Carvalho Alves

28 Years Old, Married

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GitHub Portfolio: <https://github.com/PedroCarvalho1500?tab=repositories>

Career Goals

First, I would like to increase my knowledge about technology, especially in Quality Assurance area, software tests and automation tools for testing like Cypress, Javascript, Selenium and the process of CI/CD. Besides that, learn more about API tests, Postman and Newman.

Introducing

I am bachelor in computer engineering graduated from National Institute of Telecommunications (INATEL) University in 2019.

I worked in a project using Java Language and CSharp during the period of my Science Initiation at my University.

I have a background in Robot Framework, automated tests and API tests using Postman and Newman. Write tests on Zephyr Scale integrated to Jira for organizing tests, create test cycles and test plans.

At the moment, I have been working with tests in Python, API (Postman + Newman) using test diagrams and writing tests on Cucumber to execute automated tests.

I have executed tests for single page applications developed using Angular, Node, Express and similar.

Creation of menus inside the terminal to execute automated tests in Python and API.

Defect tracking, and bug reporting using Zephyr Scale, JIRA and XRay.

Background in Python, pyautogui and tkinter apps to make the test execution friendlier and easier compared to the command execution.

College Degrees

National Institute of Telecommunications – INATEL – Computer Engineering, Graduated in 2019, July.

IFSULDEMINAS – Câmpus Machado, IT Technic, graduated in 2013.

Languages

Portuguese – Native Language

English – Advanced 1 (C1) certificate by English Live. CEFR level C1.

Professional History

Trainee in AXNET company, a network provider company, localized in Machado city, Minas Gerais State.

Science initiation, Rehab Project, in the CTTDA, localized inside the INATEL university. I worked in this project from 2017 March to 2018 March.

Trainee in Leucotron Equipamentos LTDA from 2018 September to 2019 July, focused in create manuals to the company's products and test the products created by the programmers. I did the test scenarios focusing in the quality of the products, validating the requirements and writing reports to tell to my manager or my team leader.

Quality Assurance Analyst in Riversoft company from November 2019 to March 2021, my duties were testing the products, finding bugs on the Software, reporting the found bugs, writing reports to tell to my team leader, having meetings where I planned my test schedule for the week or sprint.

Quality Assurance in Inatel Competence Center from March 2021 until now, my duties are focused on API tests, development graphs and report bugs and improvements on software. Introducing in python AUTO GUI automate tool. Writing tests with Cucumber/Gherkin for executing in python. Introducing at Cypress automation tool for Web Platforms.

Quality Assurance at Integritas INC from March 2023, current position, my duties are focused on manual API tests, automated tests using Postman and Newman. Integration with Jenkins, creation of pipelines and automated UI tests using Selenium with Python. UI automation with Page Objects Model in Python and Tkinter APPs for executing newman API tests.

Personal project on github with Selenium with focus on automating the register of a client and its exclusion using Java. This project was a challenge from the Sicredi bank. Moreover, an exception treatment was used in every step of the test, besides that, different types of locators with the function "By." from Selenium like locating by ID, Css Selector, Link Text, etc.

Personal project on github using Tkinter to create a Desktop program to register some soccer player, edit, delete or change and render the photos from the players. In this project, the components from Tkinter like Label, Entries, Buttons, Frames and Scrollbar were used to create the screen and functions. The code was structured using OO on Python.

Extracurricular Courses

Assembly and Maintenance Course. Taught by IFSULDEMINAS - Câmpus Machado, 8-hour workload, May/2012.

Programming course in Delphi. Taught by IFSULDEMINAS - Câmpus Machado, 8 hours workload, May 2011.

Debian 6 Network and Mobile Users Configuration Course. Taught by IFSULDEMINAS - Câmpus Machado, 8-hour workload, May/2012.

Volunteer Professor in the Area of Informatics, Casa Viva Inatel, in 2016.

Publication scientific article at the INCITEL congress, from June 4 to 6, 2018.

Introduction course to Mobile Communications, 2G, 3G and 4G - INATEL, 40 hours april/2018 workload.

Excel course - INATEL, 20-hour workload April/2018.

IP Networks Course + VLAN - INATEL, workload of 20 hours April/2018.

Huawei Products Course - INATEL, 08-hour workload April 23, 2018.

Test Automation with Robot Framework - Basic, spent time - 04 hours. <https://udemy-certificate.s3.amazonaws.com/image/UC-062d4edd-6baf-43b5-83ee-e4976d7d04f2.jpg?v=1603884953000>

Automation of API Tests with Postman + Test Project - January 3, 2021, spent time of 09 hours. <http://ude.my/UC-907ffc54-5f4e-43df-8781-cd09e89875f8>

Course for CTFL Test Certificates - ISTQB/BSQTB , spent time - 10 hours. <https://www.udemy.com/certificate/UC-84b9ca85-b0f1-48c5-be16-b3cbd5dce703/>

Playwright JS Automation Testing from Scratch with Frameworkspent time – 15.5 hours. <https://www.udemy.com/certificate/UC-509646ac-73a9-4c6f-99f7-c3af6acf5f17/>

Telecommunications network management course - INATEL, spent time - 08 hours April 24, 2018.

Course of provisional installation projects - INATEL, spent time - 40 hours workload april/2018 workload.

Statistics with Python 1: Frequency and Measure, spent time - 10 hours. <https://cursos.alura.com.br/certificate/27ae6bbd-75f6-443a-bed3-0f7835c31654>

Learn Selenium with Python, PyTest + Live Project – 46.5 hours. <https://www.udemy.com/certificate/UC-ef00b3ea-45fe-4269-a2df-978336b0dfc2/>

Scientific Article published in INCITEL congress, held in 2018, July, from 4 to 6. <https://inatel.br/incitel/documents/2018.pdf> Article Title: Desenvolvimento de interface grafica para jogo de reabilitação de membro superior

Excel course, concluded in 2018, April, spent time - 20 hours.

Network and IP Protocol, concluded in 2018, April, spent time - 20 hours.

100 Days of Code: The Complete Python Pro Bootcamp for 2023 – 58 horas. <https://www.udemy.com/certificate/UC-78e51082-453e-4c4b-ac35-c1fa9ba7c4a8/>. Projects developed through this course: https://github.com/PedroCarvalho1500/bootcamp_python

Volunteer Work

IT Volunteer Teacher in Casa Viva Inatel , a middle school maintained by INATEL university.