Italo Gustavo Sampaio Fernandes

Backend Developer

Biomedical engineer by degree, developer by passion. Developing with Python and Linux since 2013.

⚑ Brazilian
📅 24 years old
📍 São Paulo/SP, Brazil
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Work experience

Python Backend Developer / Tembici São Paulo, Brazil
From January 2021 to July 2021

I worked with **Python**, **Django**, **Docker, Redis, PostgreSQL, Pub/Sub, event-driven, AWS Lambda/Google Cloud Functions**. Designing and building RESTful APIs for a microservices system.

FullStack Developer - Python and VueJs / Restons En Vigne Lyon, France
From February 2019 to January 2021

I worked with **Pyhon**, **Django**, **SQL**, **VueJs**, **HTML**, **JavaScript**, **GitLab CI**, **Docker**, **Linux**, AWS ECS, at restonsenvigne.fr with an international team.

Software Engineer / Biomedical Engineering Lab (BIOLAB), Uberlândia, Brazil
From August 2016 to July 2018

Development of 3D motion tracking system, **processing** and of signals using **Machine Learning techniques**. I used **Python**, **Scipy**, R, C++, PIC, Arduino and QT at biolab.eletrica.ufu.br.

Education

2018/2019 - **Polytech - Université Claud Bernard Lyon 1**, France
International Exchange of Biomedical Engineering.

2015/2020 - **Federal University of Uberlândia (UFU)**, Brazil
Bachelor of Biomedical Engineering.

Projects

Projects and Scientific Papers / UFU Brazil
From 2015 to 2020

You can find all my academic projects, websites, systems and prototypes at: italogsfernandes.com I can cite here the website to classify xrays images of covid patients (using Flask, MySQL, Docker).

Other skills

Linux and **Python** (since 2013); Microsoft Office Package; **Git, GitHub**; C++, C#, Java; Statistics; **Agile**; Atlassian; Confluence; Kanban;

Languages

English
B2

French
B2

Portuguese
Native Language

Programming Languages

Python

VueJS

ReactJS

SQL and NoSQL Databases

FrontEnd
HTML, CSS, JavaScript

Profile

Hobbies I teach programming, I love to live in the nature and go cycling whenever possible.

Soft Skills Purpose-driven, continuous learning, empathy, proactivity, leadership, positive attitude, pragmatic.

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