

António Manuel da Silva Calheiros Neves

Python and Django Web Systems Developer.

EMAIL

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PHONE

+351 912 951 631

NATIONALITY

Portuguese

PROFILE

Since 2019, I have been studying and developing web and desktop projects with Python and Django.

Since 2004 I work as a Freelancer, creating management systems in Excel and performing IT services.

ADDRESS

Oeiras, Lisboa, Portugal

LINKEDIN

<https://www.linkedin.com/in/antoniocalheirosneves/>

SITE / PORTFOLIO

<https://antoniocalheirosneves.com>

GITHUB

<https://github.com/Antonio-Neves>

LANGUAGES

Portuguese - native

English - fluent

Spanish - fluent

AREAS OF EXPERTISE

Python 2019

Django 2020

SQL 2019

PostgreSQL 2019

Docker 2021

SQLite 2019

Git 2019

Scrum 2021

Jira 2021

Kivy 2019

Airflow 2022

Flyway 2022

HTML 2019

CSS 2019

Bootstrap 2019

Excel 2004

Photoshop 2015

PROFESSIONAL EXPERIENCE

Full-stack Web Developer, with Python and Django Since - 02/2025

Self-employed

A personal project for a web system to manage personal finances.

Technologies: Python, Django, PostgreSQL, SQLite (for development)
Html and Css, Bootstrap5, GitHub

Python Developer

12/2021 – 11/2024

Fyld, Glint Global, AMA

I was part of the back end team in the company AMA, in the development of the “Portal Mais Transparência” as a Python Developer.

Using Python, Pandas and Apache Airflow and taking advantage of existing code, I increased the automation capabilities for collecting data from different entities, validating the collected data and loading it into databases in different development environments.

This entire process was automated, with the different steps orchestrated through Apache Airflow.

I refactored and standardized the existing code for the entire ETL process, for all the different themes on the site and facilitated the entry of new thematic areas.

With Python and SQL I created the necessary data validations before loading into the final tables, allowing us to confirm that the data we received from the entities is correct and presented in the way we need on the Portal.

Essentially, I was responsible for the entire ETL process (Extraction, Validation, Transformation and Loading).

Using the Flyway application, I contributed to changing the procedures and work routines, which allowed us to start keeping a history with Git of all the SQL scripts needed for the four different environments, and also facilitate the recreation of the structure of a SQL database from scratch.

Due to the large amount of Excel files made available by different entities and the need to update these files on the computers of different team members, I created a desktop application with Python and Tkinter, so that the entire team could update the necessary files in a simple way.

Technologies: Python, Django, PostgreSQL, Airflow, Flyway, Docker, GitLab, Scrum

Full-stack Web Developer, with Python and Django

11/2020 – 11/2021

Self-employed

Personal project of a complete web school management system, Academic, Pedagogical and Financial sectors.

Technologies: Python, Django, PostgreSQL, Html and Css, GitHub.

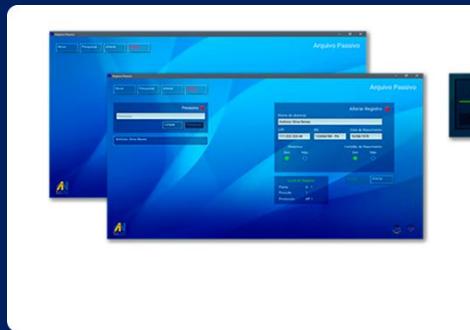
School Management System

The screenshot shows a web-based application for managing school students. On the left, there is a sidebar with links for 'Início', 'Alunos' (with 'Cadastrar aluno'), 'Efetivo alunos', 'Lista alunos', 'Diários', 'Infantis', 'Notas', 'Turnas', and 'Usuários do Sistema'. The main area is titled 'Cadastrar Aluno(a)' and contains fields for 'Identificação': Nome, INEP, CPF, RG, NIS, Data de nascimento (dd/mm/aaaa), Situação do aluno(a) (checkboxes for 'Bsn 01', 'Bsn 02', and 'Tarefas'), Certidão de nascimento (nova), Justificativa da falta de documentos, Cor / Raça (radio buttons for 'Não declarada', 'Branca', 'Preta', 'Parda', 'Amarela', and 'Indígena'), and Sexo (radio buttons for 'Masculino' and 'Feminino').

My Portfolio, CV and Blog



Desktop Applications



PYTHON AND DJANGO PROJECTS

Full Stack development of a web system for school management. Python, Django, PostgreSql, HTML and CSS. (under development)

Demo Live:

<https://gestao-escolar.up.railway.app/>

GitHub:

<https://github.com/Antonio-Neves/Gestao-Escolar>

Full Stack development with Python, Django, PostgreSql, HTML and CSS.

Demo Live:

<https://antoniocalheirosneves.up.railway.app>

GitHub:

<https://github.com/Antonio-Neves/My-Portfolio>

PYTHON AND KIVY PROJECTS

Desktop applications for registration and archiving.

