António Manuel da Silva Calheiros Neves

Python and Django Web Systems Developer.

EMAIL
antoniocalheirosneves@gmail.com

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

Glintt Global (AMA) – Python Developer 06/2024 – 11/2024

Back to the AMA, as a Back-end Developer, in the "Portal Mais Transparência" project, due to the need for a new team, I continued to assume all the responsibilities that I had in my previous professional experience, but this time, I was also responsible for the business rules in SQL, creation of materialized views and SQL functions for the presentation of the necessary data, according to the new functionalities and the new thematic areas that emerged.

Technologies/Frameworks: Python, Django, PostgreSql, Airflow, Flyway, Docker, GitLab, Scrum.

Fyld (Glintt Global, AMA) – Python Developer 12/2021 – 01/2024

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 EVTL 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 EVTL 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/Frameworks: Python, Django, PostgreSql, Airflow, Flyway, Docker, GitLab, Scrum.

School Management System – Full Stack 11/2020 – 11/2021

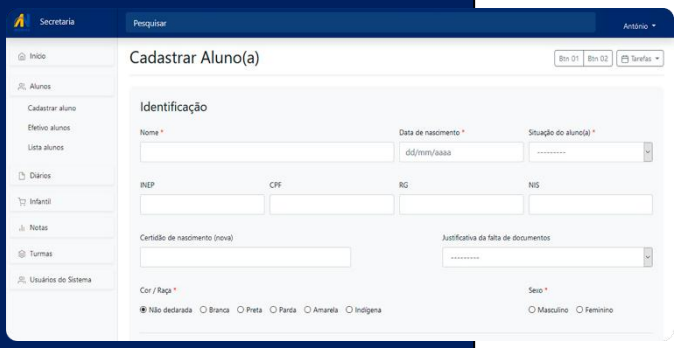
Personal project of a complete web school management system, Academic, Pedagogical and Financial sectors.

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

PYTHON AND DJANGO PROJECTS

School Management System

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

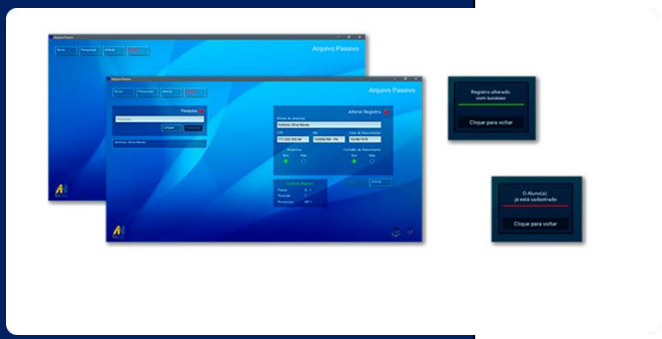
My Portfolio, CV and Blog

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

Desktop applications for registration and archiving.