

# António Manuel da Silva Calheiros Neves

Python and Django Web Systems Developer.

## EMAIL

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## PHONE

+55 94 981044215

## 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

Xinguara, Pará, Brazil

## 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, Html and Css, Bootstrap5

Python Developer

12/2021 – 11/2024

Fyld, Glintt 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.

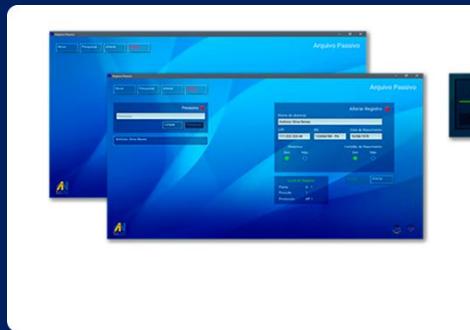
## School Management System

The screenshot shows a web-based application for managing school students. On the left, a sidebar menu includes 'Início', 'Alunos' (selected), 'Cadastrar aluno', 'Efetivo alunos', 'Lista alunos', 'Diários', 'Infantis', 'Notas', 'Turnas', and 'Usuários do Sistema'. The main panel 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, Tarifas), Certidão de nascimento (nova), Justificativa da falta de documentos, Cor / Raça (checkboxes for Branca, Preta, Parda, Amarela, Indígena), and Sexo (radio buttons for Masculino and Feminino). Buttons for 'Sair' and 'Cadastrar' are at the bottom.

## 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.

