

**DEPLOY DO INFOMUSICA, UM SISTEMA WEB PARA DIVULGAÇÃO E
RESERVA DO LABORATÓRIO DE PRÁTICAS MUSICAIS DO CAMPUS IFRN
SPP.**

**Foi utilizado o pythonanywhere para
fazer a hospedagem do sistema web.**

SISTEMA DESENVOLVIDO POR :

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PythonAnywhere é um ambiente de desenvolvimento integrado (IDE) online e serviço de hospedagem web (Plataforma como serviço) baseado na linguagem de programação Python. Fundado por Giles Thomas e Robert Smithson em 2012, ele fornece acesso no navegador a interfaces de linha de comando Python e Bash baseadas em servidor , juntamente com um editor de código com destaque de sintaxe . Arquivos de programa podem ser transferidos de e para o serviço usando o navegador do usuário. Aplicativos web hospedados pelo serviço podem ser escritos usando qualquer estrutura de aplicativo baseada em WSGI .

O PythonAnywhere foi criado pela Resolver Systems, que também produziu o Resolver One , um programa de planilha baseado em Python . Em 16 de outubro de 2012, o produto foi adquirido por uma nova empresa, a PythonAnywhere LLP, que assumiu a equipe de desenvolvimento existente. Em junho de 2022, o PythonAnywhere foi adquirido pela Anaconda, Inc.

fonte: <https://en.wikipedia.org/wiki/PythonAnywhere>

Página do pythonanywhere:

The screenshot shows the PythonAnywhere pricing page. At the top, there's a navigation bar with tabs for 'Inicio - SUAP: Sistema Unificado.', 'Plans and pricing : PythonAnyw...', 'Nova guia', and other links like 'Enviar feedback', 'Fóruns', 'Ajuda', 'Blogue', 'Preços e inscrição', 'Conecte-se', and 'Erro'. Below the navigation is the PythonAnywhere logo and a message from ANACONDA.

Planos e preços

Iniciante: Grátis!

Uma conta limitada com um aplicativo da web em `your-username.pythonanywhere.com`, acesso restrito à Internet de saída de seus aplicativos, baixa CPU/largura de banda, sem suporte a Jupyter notebook. Funciona e é uma ótima maneira de começar!

[Crie uma conta para iniciantes](#)

Contas de educação

Você é um professor procurando um lugar onde seus alunos possam programar Python? Você não está sozinho. Clique para saber mais sobre nosso [Education beta](#).

Todos os nossos planos pagos vêm com uma garantia de reembolso de 30 dias sem questionamentos – você é cobrado mensalmente e pode cancelar a qualquer momento. O período mínimo do contrato é de apenas um mês. Você obtém acesso irrestrito à Internet a partir de seus aplicativos, consoles Python, Bash e banco de dados ilimitados no navegador e acesso SSH completo à sua conta. Todas as contas ([incluindo as gratuitas](#)) têm compartilhamento de tela com outras contas PythonAnywhere e suporte SSL gratuito (embora você precise obter um certificado para seus próprios domínios).

Hacker	US\$ 5/mês	Desenvolvimento web	US\$ 12/mês	Comece	US\$ 99/mês	Personalizado	\$ 5 a \$ 500/mês
Execute seu código Python na nuvem a partir de um aplicativo da web e do console		Se você deseja hospedar pequenos sites baseados em Python para você ou para seus clientes		Comece um negócio e não se preocupe em ter que crescer para lidar com picos de tráfego		Quer uma combinação que não está na lista? Crie a sua! Todos os planos personalizados têm:	
Um IDE Python no seu navegador com consoles Python/bash ilimitados		Um IDE Python no seu navegador com consoles Python/bash ilimitados		Um IDE Python no seu navegador com consoles Python/bash ilimitados		Um IDE Python no seu navegador com consoles Python/bash ilimitados	
Um aplicativo da web em um domínio							

At the bottom, there's a Windows taskbar showing icons for File Explorer, Task View, Start, Search, Taskbar settings, and system status (Wi-Fi, battery, date/time). A small note on the taskbar says 'Chuvas Domingo'.

Primeiramente crie uma conta para utilizar o serviço e fazer o deploy do sistema web clicando em “Criar uma conta para iniciantes”.

Crie sua conta

Nome de usuário:

E-mail:

Senha:

Senha (novamente):

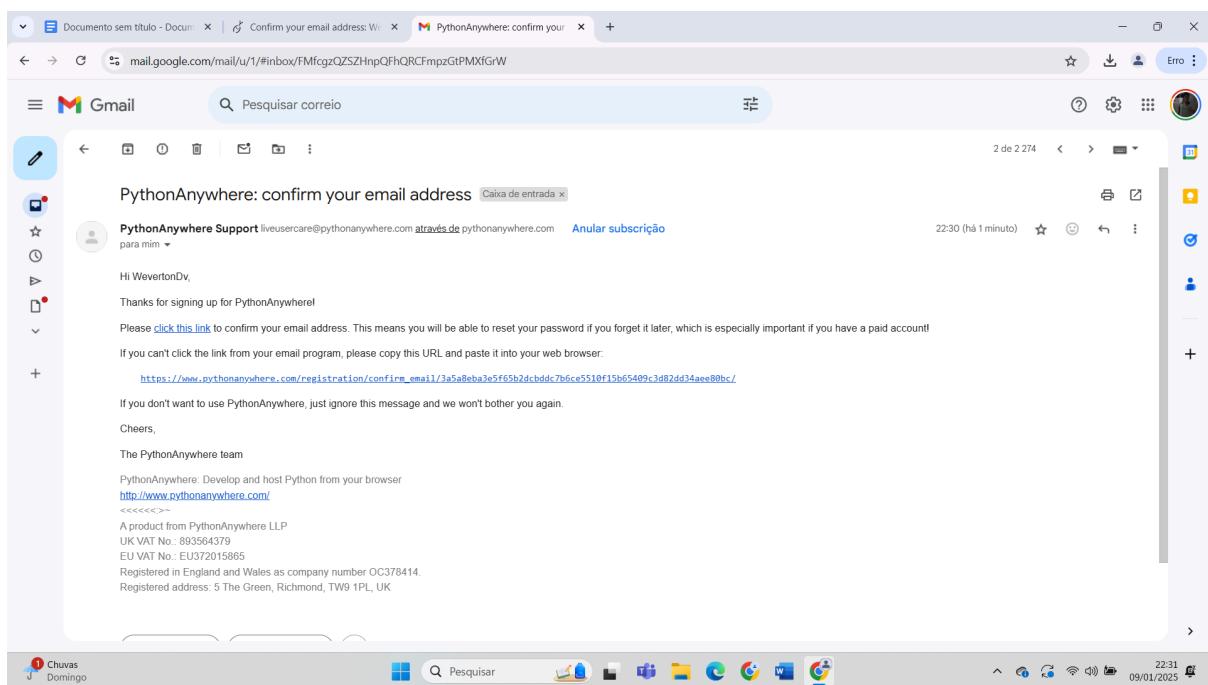
Concordo com os [Termos e Condições](#) e a [Política de Privacidade e Cookies](#) e confirmo que tenho pelo menos 13 anos de idade.

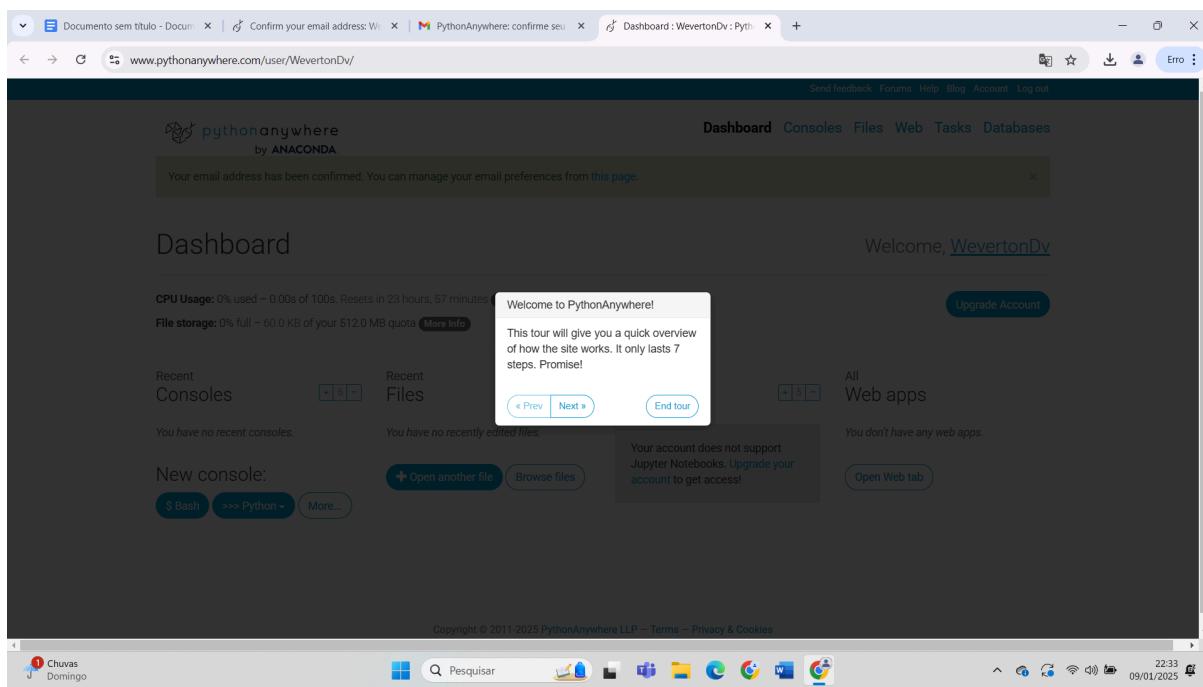
Registrar

Prometemos não enviar spam nem repassar seus dados a terceiros.

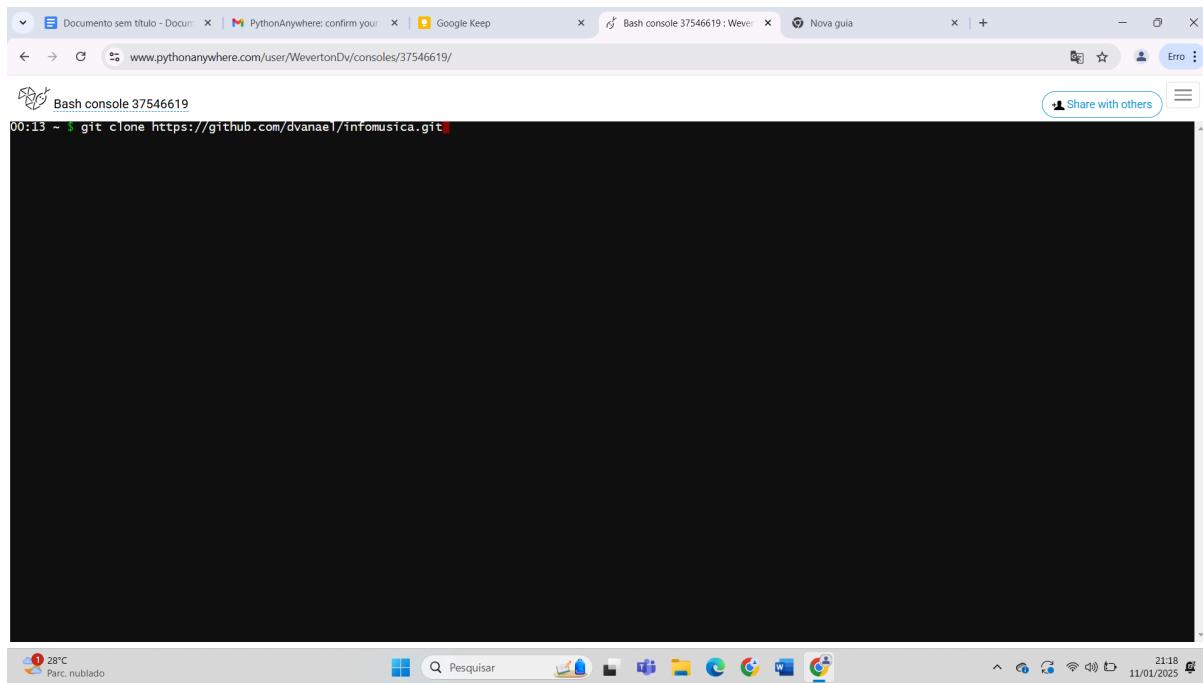
Logo após criar a conta com as informações requisitadas no formulário, clique em “Registrar”.

Irá chegar um email para confirmar o cadastro, clique no link no local indicado e será direcionado para a página do pythonanywhere.





Depois disso clique em “Console” e procure o botão “bash”, clique e insira o código “git clone <https://github.com/dvanael/infomusica.git>” que é o link do projeto.



Depois que o processo acabar, acesse a pasta “infomusica” do projeto, usando o comando “ls” para listar os arquivos no diretório, depois use o comando “cd” e o nome da pasta para entrar nela “cd infomusica”.

```
00:13 ~ $ git clone https://github.com/dvanael/infomusica.git
Cloning into 'infomusica'...
remote: Enumerating objects: 1119, done.
remote: Counting objects: 100% (183/183), done.
remote: Compressing objects: 100% (98/98), done.
remote: Total 1119 (delta 97), reused 128 (delta 85), pack-reused 936 (from 1)
Receiving objects: 100% (1119/1119), 22.55 MiB | 22.90 MiB/s, done.
Resolving deltas: 100% (617/617), done.
00:19 ~ $ ls
README.txt infomusica
00:19 ~ $ cd infomusica
00:19 ~/infomusica (main)$
```

Agora que está dentro do diretório, crie uma venv no servidor, com o comando “mkvirtualenv infomusica”.

```
00:13 ~ $ git clone https://github.com/dvanael/infomusica.git
Cloning into 'infomusica'...
remote: Enumerating objects: 1119, done.
remote: Counting objects: 100% (183/183), done.
remote: Compressing objects: 100% (98/98), done.
remote: Total 1119 (delta 97), reused 128 (delta 85), pack-reused 936 (from 1)
Receiving objects: 100% (1119/1119), 22.55 MiB | 22.90 MiB/s, done.
Resolving deltas: 100% (617/617), done.
00:19 ~ $ ls
README.txt infomusica
00:19 ~ $ cd infomusica
00:19 ~/infomusica (main)$ mkvirtualenv infomusica
created virtual environment CPython3.10.5.final.0-64 in 11400ms
creator CPython3Posix(dest=/home/WevertonDv/.virtualenvs/infomusica, clear=False, no_vcs_ignore=False, global=False)
seeder FromAppData(download=False, pip=bundle, setuptools=bundle, wheel=bundle, via=copy, app_data_dir=/home/WevertonDv/.local/share/virtualenv)
added seed packages: pip==22.1.2, setuptools==62.6.0, wheel==0.37.1
activators BashActivator,CshellActivator,FishActivator,NushellActivator,PowerShellActivator,PythonActivator
virtualenvwrapper.user_scripts creating /home/WevertonDv/.virtualenvs/infomusica/bin/predeactivate
virtualenvwrapper.user_scripts creating /home/WevertonDv/.virtualenvs/infomusica/bin/postdeactivate
virtualenvwrapper.user_scripts creating /home/WevertonDv/.virtualenvs/infomusica/bin/preactivate
virtualenvwrapper.user_scripts creating /home/WevertonDv/.virtualenvs/infomusica/bin/postactivate
virtualenvwrapper.user_scripts creating /home/WevertonDv/.virtualenvs/infomusica/bin/get_env_details
(infomusica) 00:27 ~/infomusica (main)$ mkvirtualenv "infomusica"
created virtual environment CPython3.10.5.final.0-64 in 7659ms
creator CPython3Posix(dest=/home/WevertonDv/.virtualenvs/infomusica, clear=False, no_vcs_ignore=False, global=False)
seeder FromAppData(download=False, pip=bundle, setuptools=bundle, wheel=bundle, via=copy, app_data_dir=/home/WevertonDv/.local/share/virtualenv)
added seed packages: pip==22.1.2, setuptools==62.6.0, wheel==0.37.1
activators BashActivator,CshellActivator,FishActivator,NushellActivator,PowerShellActivator,PythonActivator
(infomusica) 00:27 ~/infomusica (main)$
(infomusica) 00:27 ~/infomusica (main)$ ls
LICENSE README.md core manage.py requirements.txt reserva scripts static
(infomusica) 00:29 ~/infomusica (main)$
```

Agora instale as dependências do sistema utilizando o comando “pip install -r requirements.txt”.

```

virtualenvwrapper_user_scripts creating /home/wevertondv/.virtualenvs/infomusica/bin/postactivate
virtualenvwrapper_user_scripts creating /home/wevertondv/.virtualenvs/infomusica/bin/get_env_details
(infomusica) 00:27 ~/infomusica (main)$ virtualenv . --version=3.10.5 --python=python3.10.5 --no-p64 --no-pypy
  creator CPython3Posix(dest=/home/wevertondv/.virtualenvs/infomusica, clear=False, no_vcs_ignore=False, global=False)
  seeders FromAppData(download=False, pip=bundle, setuptools=bundle, wheel=bundle, via=copy, app_data_dir=/home/wevertondv/.local/share/virtualenv)
    added seed packages: pip==22.1.2, setuptools==62.6.0, wheel==0.37.1
  activators BashActivator,CshellActivator,FishActivator,NushellActivator,PowerShellActivator,PythonActivator
(infomusica) 00:27 ~/infomusica (main)$ ls
LICENSE README.md core manage.py requirements.txt reserva scripts static
(infomusica) 00:28 ~/infomusica (main)$ pip install -r requirements.txt
Looking in links: /usr/share/pip-wheels
Collecting asgiref==3.7.2
  Downloading asgiref-3.7.2-py3-none-any.whl (24 kB)
Collecting crispy-bootstrap5==2023.10
  Downloading crispy_bootstrap5-2023.10-py3-none-any.whl (22 kB)
Collecting Django==5.0.1
  Downloading Django-5.0.1-py3-none-any.whl (8.1 MB) 8.1/8.1 MB 37.3 MB/s eta 0:00:00
Collecting django-bootstrap5==23.4
  Downloading django_bootstrap5-23.4-py3-none-any.whl (25 kB)
Collecting django-braces==1.15.0
  Downloading django_braces-1.15.0-py2.py3-none-any.whl (14 kB)
Collecting django-ckeditor==6.7.0
  Downloading django_ckeditor-6.7.0-py3-none-any.whl (2.5 MB) 2.5/2.5 MB 35.1 MB/s eta 0:00:00
Collecting django-cleanup==8.0.0
  Downloading django_cleanup-8.0.0-py2.py3-none-any.whl (10 kB)
Collecting django-crispy-forms==2.1
  Downloading django_crispy_forms-2.1-py3-none-any.whl (31 kB)
Collecting django-js-asset==2.2.0
  Downloading django_js_asset-2.2.0-py3-none-any.whl (4.7 kB)
Collecting fontawesome-free==6.4.2
  Downloading fontawesome-free-6.4.2-py3-none-any.whl (25.3 MB) 25.3/25.3 MB 24.8 MB/s eta 0:00:00
Collecting pillow==11.0.0
  Downloading pillow-11.0.0-cp310-cp310-manylinux_2_28_x86_64.whl (4.4 MB) 4.4/4.4 MB 39.5 MB/s eta 0:00:00
Collecting python-decouple==3.8
  Downloading python_decouple-3.8-py3-none-any.whl (9.9 kB)
Collecting sqlparse==0.4.4
  Downloading sqlparse-0.4.4-py3-none-any.whl (41 kB)

```

Logo apos instalar, procure procurar as keys do projeto no github
https://github.com/elyabe306/infomusica/blob/main/scripts/env_gen.py

Em seguida insira o código “python3 scripts\env_gen.py” e depois “python3 manage.py migrate” no bash do console.

```

Looking in links: /usr/share/pip-wheels
Collecting asgiref==3.7.2
  Downloading asgiref-3.7.2-py3-none-any.whl (24 kB)
Collecting crispy-bootstrap5==2023.10
  Downloading crispy_bootstrap5-2023.10-py3-none-any.whl (22 kB)
Collecting Django==5.0.1
  Downloading Django-5.0.1-py3-none-any.whl (8.1 MB) 8.1/8.1 MB 37.3 MB/s eta 0:00:00
Collecting django-bootstrap5==23.4
  Downloading django_bootstrap5-23.4-py3-none-any.whl (25 kB)
Collecting django-braces==1.15.0
  Downloading django_braces-1.15.0-py2.py3-none-any.whl (14 kB)
Collecting django-ckeditor==6.7.0
  Downloading django_ckeditor-6.7.0-py3-none-any.whl (2.5 MB) 2.5/2.5 MB 35.1 MB/s eta 0:00:00
Collecting django-cleanup==8.0.0
  Downloading django_cleanup-8.0.0-py2.py3-none-any.whl (10 kB)
Collecting django-crispy-forms==2.1
  Downloading django_crispy_forms-2.1-py3-none-any.whl (31 kB)
Collecting django-js-asset==2.2.0
  Downloading django_js_asset-2.2.0-py3-none-any.whl (4.7 kB)
Collecting fontawesome-free==6.4.2
  Downloading fontawesome-free-6.4.2-py3-none-any.whl (25.3 MB) 25.3/25.3 MB 24.8 MB/s eta 0:00:00
Collecting pillow==11.0.0
  Downloading pillow-11.0.0-cp310-cp310-manylinux_2_28_x86_64.whl (4.4 MB) 4.4/4.4 MB 39.5 MB/s eta 0:00:00
Collecting python-decouple==3.8
  Downloading python_decouple-3.8-py3-none-any.whl (9.9 kB)
Collecting sqlparse==0.4.4
  Downloading sqlparse-0.4.4-py3-none-any.whl (41 kB)
Collecting tzdata==2023.4
  Downloading tzdata-2023.4-py2.py3-none-any.whl (346 kB) 346.6/346.6 kB 7.7 MB/s eta 0:00:00
Collecting typing-extensions==4
  Downloading typing_extensions-4.12.2-py3-none-any.whl (37 kB)
Installing collected packages: python-decouple, fontawesome-free, django-cleanup, tzdata, typing-extensions, sqlparse, pillow, asgiref, Django, django-js-asset, django-crispy-forms, django-braces, django-bootstrap5, django-ckeditor, crispy-bootstrap5
Successfully installed Django-5.0.1 asgiref-3.7.2 crispy-bootstrap5-2023.10 django-bootstrap5-23.4 django-braces-1.15.0 django-ckeditor-6.7.0 django-cleanup-8.0.0 django-crispy-forms-2.1 fontawesome-free-6.4.2 pillow-11.0.0 python-decouple-3.8 sqlparse-0.4.4 typing-extensions-4.12.2 tzdata-2023.4
(infomusica) 00:37 ~/infomusica (main)$ python3 scripts/env_gen.py
(infomusica) 01:35 ~/infomusica (main)$ python3 manage.py migrate

```

Depois que o processo acabar, insira o comando “python3 scripts/setup.py”.

```
Collecting tzdata==2023.4
  Downloading tzdata-2023.4-py3-none-any.whl (346 kB) 346.6/346.6 kB 7.7 MB/s eta 0:00:00
Collecting typing-extensions<4.12.2,>=4.12.1
  Downloading typing_extensions-4.12.2-py3-none-any.whl (37 kB)
Installing collected packages: python-decouple, fontawesome-free, django-cleanup, tzdata, typing-extensions, sqlparse, pillow, asgiref, Django, django-js-asset, django-crispy-forms, django-braces, django-bootstrap5, django-ckeditor, crispy-bootstrap5
Successfully installed Django-5.0.1 asgiref-3.7.2 crispy-bootstrap5-2023.10 django-bootstrap5-23.4 django-braces-1.15.0 django-ckeditor-6.7.0 django-cleanup-8.0.0 django-crispy-forms-2.1 django-js-asset-2.2.0 fontawesome-free-6.4.2 pillow-11.0.0 python-decouple-3.8 sqlparse-0.4.4 typing-extensions-4.12.2 tzdata-2023.4
(infomusica) 00:35 ~/infomusica (main)$ python3 manage.py migrate
Operations to perform:
  Apply all migrations: admin, auth, contenttypes, reserva, sessions
Running migrations:
  Applying contenttypes.0001_initial... OK
  Applying auth.0001_initial... OK
  Applying admin.0001_initial... OK
  Applying admin.0002_logentry_remove_auto_add... OK
  Applying admin.0003_logentry_add_action_flag_choices... OK
  Applying contenttypes.0002_remove_content_type_name... OK
  Applying auth.0002_alter_permission_name_max_length... OK
  Applying auth.0003_alter_user_email_max_length... OK
  Applying auth.0004_alter_user_username_opts... OK
  Applying auth.0005_alter_user_last_name_max_length... OK
  Applying auth.0006_require_contenttypes_0002... OK
  Applying auth.0007_alter_validators_add_error_messages... OK
  Applying auth.0008_alter_user_username_max_length... OK
  Applying auth.0009_alter_user_last_name_max_length... OK
  Applying auth.0010_alter_group_name_max_length... OK
  Applying auth.0011_update_proxy_permissions... OK
  Applying auth.0012_change_group_name_max_length... OK
  Applying reserva.0001_initial... OK
  Applying sessions.0001_initial... OK
(infomusica) 01:37 ~/infomusica (main)$ python3 scripts/setup.py
Your super user has been created.
Login with
username: admin
password: senha
ATTENTION: Dont lose these credentials.
(infomusica) 01:39 ~/infomusica (main)$
```

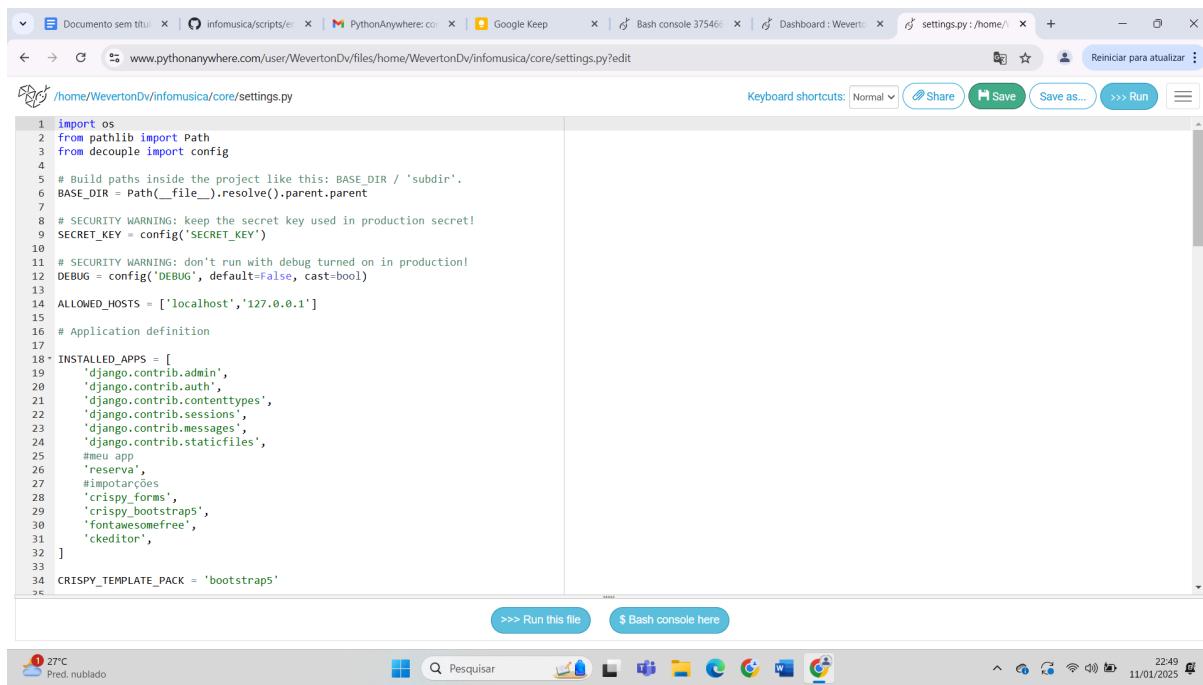
agora insira o comando “python3 manage.py runserver” só para testar se deu certo.

```
crispy-forms, django-braces, django-bootstrap5, django-ckeditor, crispy-bootstrap5
Successfully installed Django-5.0.1 asgiref-3.7.2 crispy-bootstrap5-2023.10 django-bootstrap5-23.4 django-braces-1.15.0 django-ckeditor-6.7.0 django-cleanup-8.0.0 django-crispy-forms-2.1 django-js-asset-2.2.0 fontawesome-free-6.4.2 pillow-11.0.0 python-decouple-3.8 sqlparse-0.4.4 typing-extensions-4.12.2 tzdata-2023.4
(infomusica) 00:37 ~/infomusica (main)$ python3 scripts/env_gen.py
(infomusica) 01:38 ~/infomusica (main)$ python3 manage.py migrate
Operations to perform:
  Apply all migrations: admin, auth, contenttypes, reserva, sessions
Running migrations:
  Applying contenttypes.0001_initial... OK
  Applying auth.0001_initial... OK
  Applying admin.0001_initial... OK
  Applying admin.0002_logentry_remove_auto_add... OK
  Applying admin.0003_logentry_add_action_flag_choices... OK
  Applying contenttypes.0002_remove_content_type_name... OK
  Applying auth.0002_alter_permission_name_max_length... OK
  Applying auth.0003_alter_user_email_max_length... OK
  Applying auth.0004_alter_user_username_opts... OK
  Applying auth.0005_alter_user_last_login_null... OK
  Applying auth.0006_require_contenttypes_0002... OK
  Applying auth.0007_alter_validators_add_error_messages... OK
  Applying auth.0008_alter_user_username_max_length... OK
  Applying auth.0009_alter_user_last_name_max_length... OK
  Applying auth.0010_alter_group_name_max_length... OK
  Applying auth.0011_update_proxy_permissions... OK
  Applying auth.0012_change_group_name_max_length... OK
  Applying reserva.0001_initial... OK
  Applying sessions.0001_initial... OK
(infomusica) 01:39 ~/infomusica (main)$ python3 scripts/setup.py
Your super user has been created.
Login with
username: admin
password: senha
ATTENTION: Dont lose these credentials.
(infomusica) 01:39 ~/infomusica (main)$ python3 manage.py runserver
Watching for file changes with StatReloader
Performing system checks...
System check identified no issues (0 silenced).
Error: That port is already in use.
(infomusica) 01:43 ~/infomusica (main)$
```

“(0 silenced)” significa que deu certo.

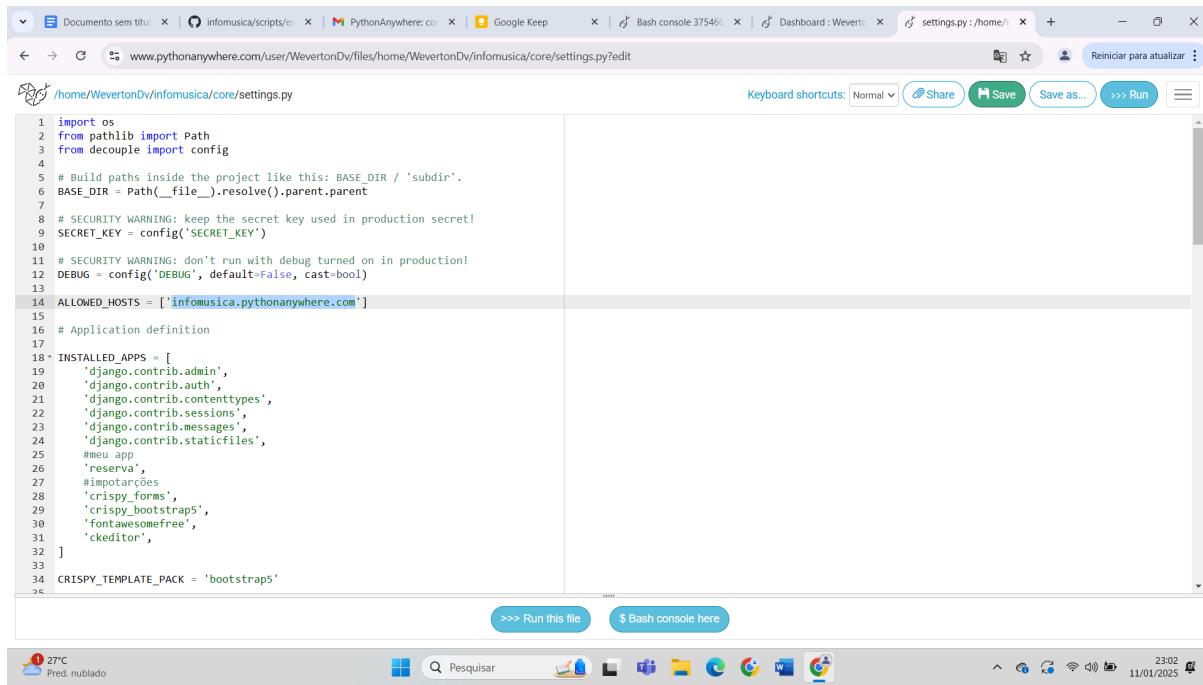
Configurando para rodar online.

Vá ao DashBoard e procure a tecla “files” clique no nome do nosso projeto, depois em “core” e depois em “settings.py”.



```
1 import os
2 from pathlib import Path
3 from decouple import config
4
5 # Build paths inside the project like this: BASE_DIR / 'subdir'.
6 BASE_DIR = Path(__file__).resolve().parent.parent
7
8 # SECURITY WARNING: keep the secret key used in production secret!
9 SECRET_KEY = config('SECRET_KEY')
10
11 # SECURITY WARNING: don't run with debug turned on in production!
12 DEBUG = config('DEBUG', default=False, cast=bool)
13
14 ALLOWED_HOSTS = ['localhost', '127.0.0.1']
15
16 # Application definition
17
18 INSTALLED_APPS = [
19     'django.contrib.admin',
20     'django.contrib.auth',
21     'django.contrib.contenttypes',
22     'django.contrib.sessions',
23     'django.contrib.messages',
24     'django.contrib.staticfiles',
25     #meu app
26     'reserva',
27     #importarçõe
28     'crispy_forms',
29     'crispy_bootstrap5',
30     'fontawesomefree',
31     'ckeditor',
32 ]
33
34 CRISPY_TEMPLATE_PACK = 'bootstrap5'
```

Agora procure por “allowed_host [“”], ” e insira “infomusica.pythonanywhere.com” dentro do parenteses da chave e clique control+s para salvar as alterações.



```
1 import os
2 from pathlib import Path
3 from decouple import config
4
5 # Build paths inside the project like this: BASE_DIR / 'subdir'.
6 BASE_DIR = Path(__file__).resolve().parent.parent
7
8 # SECURITY WARNING: keep the secret key used in production secret!
9 SECRET_KEY = config('SECRET_KEY')
10
11 # SECURITY WARNING: don't run with debug turned on in production!
12 DEBUG = config('DEBUG', default=False, cast=bool)
13
14 ALLOWED_HOSTS = ['infomusica.pythonanywhere.com']
15
16 # Application definition
17
18 INSTALLED_APPS = [
19     'django.contrib.admin',
20     'django.contrib.auth',
21     'django.contrib.contenttypes',
22     'django.contrib.sessions',
23     'django.contrib.messages',
24     'django.contrib.staticfiles',
25     #meu app
26     'reserva',
27     #importarçõe
28     'crispy_forms',
29     'crispy_bootstrap5',
30     'fontawesomefree',
31     'ckeditor',
32 ]
33
34 CRISPY_TEMPLATE_PACK = 'bootstrap5'
```

Configurando o CSS e JavaScript.
voltando para o console bash, dê o comando “python3 manage.py collectstatic”.

```

(infomusica) 00:37 ~/infomusica (main) python3 scripts/env_gen.py
(infomusica) 01:35 ~/infomusica (main) python3 manage.py migrate
Operations to perform:
  Applying migrations: admin, auth, contenttypes, reserva, sessions
Running migrations:
  Applying contenttypes.0001_initial... OK
  Applying auth.0001_initial... OK
  Applying admin.0001_initial... OK
  Applying admin.0002_logentry_remove_auto_add... OK
  Applying admin.0003_logentry_add_action_flag_choices... OK
  Applying contenttypes.0002_rename_content_type_name... OK
  Applying auth.0003_alter_permission_name_max_length... OK
  Applying auth.0003_alter_user_email_max_length... OK
  Applying auth.0004_alter_user_username_opts... OK
  Applying auth.0005_alter_user_last_login_null... OK
  Applying auth.0006_require_contenttypes_0002... OK
  Applying auth.0007_alter_validators_add_messages... OK
  Applying auth.0008_alter_user_username_max_length... OK
  Applying auth.0009_alter_user_last_name_max_length... OK
  Applying auth.0010_alter_group_name_max_length... OK
  Applying auth.0011_update_proxy_permissions... OK
  Applying auth.0012_alter_user_first_name_max_length... OK
  Applying reserva.0001_initial... OK
  Applying sessions.0001_initial... OK
(infomusica) 01:37 ~/infomusica (main)$ python3 scripts/setup.py
Your super user has been created.
Login with
username: admin
password: senha
ATTENTION: dont lose these credentials.
(infomusica) 01:39 ~/infomusica (main)$ python3 manage.py runserver
Watching for file changes with StatReloader
Performing system checks...
System check identified no issues (0 silenced).
Error: That port is already in use.
(infomusica) 01:43 ~/infomusica (main)$ python3 manage.py collectstatic
11126 static files copied to '/home/wevertonDv/infomusica/staticfiles'.
(infomusica) 02:08 ~/infomusica (main)$

```

Procure o botão “web” no Dashboard.

Clique em “add a new web app”, depois em “next”, “manual”, “python 3.10” e por fim “next”. No final vai aparecer a seguinte tela:

WevertonDv.pythonanywhere.com

Configuration for WevertonDv.pythonanywhere.com

Reload: [Reload WevertonDv.pythonanywhere.com](#)

Best before date:
We're happy to host your free website – and keep it free – for as long as you want to keep it running, but you'll need to log in at least once every three months and click the "Run until 3 months from today" button below. We'll send you an email a week before the site is disabled so that you don't forget to do that. [See here for more details.](#)

This site will be disabled on Saturday 12 April 2025
[Run until 3 months from today](#)

Paying users' sites stay up forever without any need to log in to keep them running.

Traffic:
How busy is your site?
This month (previous month) 1 (0)

Clique em “code” na parte inferior ao rolar a página.

no “code” insira no “source code “home/infomusica/infomusica”

No meu, como exemplo estou usando meu usuário, terei que colocar “WevertonDv” no lugar do primeiro “infomusica” citado anteriormente.

“home/infomusica/infomusica”

“home/’nome do usuário do pythonanywhere’/’nome do projeto’”.

The screenshot shows the PythonAnywhere web app setup interface. It includes sections for Traffic (showing 1 visit this month), Code (listing source code at /home/WevertonDv/infomusica, working directory at /home/WevertonDv/, WSGI configuration file at /var/www/wevertondv_pythonanywhere_com_wsgi.py, and Python version 3.10), Virtualenv (instructions to use a virtualenv), Log files (access, error, and server logs), and a system tray at the bottom.

Procure por “virtualenv” em “web”.

logo após isso, insira “home/infomusica/.virtualenvs/infomusica”

No meu caso, coloquei “WevertonDv” no lugar de “infomusica” porque é meu nome de usuário.

Procure por “static files” e cole no diretório “/home/WevertonDv/infomusica/static” e na URL “/static”.

The screenshot shows the PythonAnywhere web app setup interface. It includes sections for Static files (listing a mapping from /static/ to /home/WevertonDv/infomusica/static), Security (mentioning HTTPS certificates), and a system tray at the bottom.

Volte em “web” e role a página até encontrar “Code” e altere em “WSGI configuration file”, clique no arquivo para fazer algumas alterações.

The screenshot shows a web browser window with multiple tabs open. The active tab displays the WSGI configuration for a Python application. The page is divided into sections: Traffic, Code, Virtualenv, and Log files. Under 'Code', it shows the source code path as /home/WevertonDv/infomusica, working directory as /home/WevertonDv/, and the WSGI configuration file as /var/www/wevertondv_pythonanywhere_com_wsgi.py. The Python version listed is 3.10. The 'Log files' section shows the access log as wevertondv.pythonanywhere.com.access.log. The browser's status bar at the bottom indicates the date and time as 12/01/2025 22:27.

Como vai ser utilizar apenas o Django, pode apagar todo o resto, descomentar o código e alterar em “path =” colocando o caminho para a pasta do nosso projeto que fica “path = '/home/WevertonDv/infomusica/' ”.

The screenshot shows the same web browser window, but now the 'Code' section of the WSGI configuration page is being edited. The code editor displays the following Python code:

```
1 # ++++++ DJANGO ++++++
2 # To use your own django app use code like this:
3 import os
4 import sys
5 #
6 ## assuming your django settings file is at '/home/WevertonDv/mysite/mysite/settings.py'
7 ## and your manage.py is at '/home/WevertonDv/mysite/manage.py'
8 path = '/home/WevertonDv/infomusica'
9 if path not in sys.path:
10     sys.path.append(path)
11 #
12 os.environ['DJANGO_SETTINGS_MODULE'] = 'core.settings'
13 #
14 ## then:
15 from django.core.wsgi import get_wsgi_application
16 application = get_wsgi_application()
17
18
19
20
```

The browser's status bar at the bottom indicates the date and time as 12/01/2025 22:38.

Logo após isso altere em “os.environ['DJANGO_SETTINGS_MODULE'] =”, inserindo “ 'core.settings' ” apos o sinal de igual, resultando em “os.environ['DJANGO_SETTINGS_MODULE'] = 'core.settings' ”.

```

1 # ++++++ DJANGO ++++++
2 # To use your own django app use code like this:
3 import os
4 import sys
5 #
6 ## assuming your django settings file is at '/home/WevertonDv/mysite/mysite/settings.py'
7 ## and your manage.py is at '/home/WevertonDv/mysite/manage.py'
8 path = '/home/WevertonDv/infomusica/'
9 if path not in sys.path:
10     sys.path.append(path)
11 #
12 os.environ['DJANGO_SETTINGS_MODULE'] = 'core.settings'
13 #
14 ## then:
15 from django.core.wsgi import get_wsgi_application
16 application = get_wsgi_application()
17
18
19
20

```

Criando o banco de dados:

Para criar o banco de dados MySQL para salvar as postagens e tudo que inserimos no site, precisa instalar o “mysqlclient” pelo terminal do console do pythonanywhere, clique em “console” e depois em “your consoles”.

Start a new console:

- Python: 3.10 / 3.9 / 3.8 / 3.7
- IPython: 3.10 / 3.9 / 3.8 / 3.7
- PyPy: 2 / 3
- Other: Bash | MySQL
- Custom: [Create](#)

Your consoles:

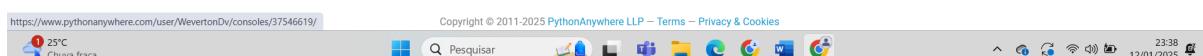
[Bash console 37546619](#)

Consoles shared with you

No-one has shared any consoles with you.:-)

Running processes

[Fetch process list](#)



Depois que o terminal do abrir, insira o comando “workon infomusica” para acessar a venv do projeto, depois insira o comando “pip install mysqlclient” para instalar o banco de dados MySQL.

```

02:39 ~ $ workon infomusica
(infomusica) 02:39 ~ $ pip install mysqlclient
Looking in links: /usr/share/pip-wheels
Collecting mysqlclient
  Downloading mysqlclient-2.2.7.tar.gz (91 kB)
    Installing build dependencies ... done
      Getting requirements to build wheel ... done
      Preparing metadata (pyproject.toml) ... done
    Building wheels for collected packages: mysqlclient
      Building wheel for mysqlclient (pyproject.toml) ... done
        Created wheel for mysqlclient: filename=mysqlclient-2.2.7-cp310-cp310-linux_x86_64.whl size=133031 sha256=3029e02a9dd7430d9f4c0aadcc7c9afe6d7bcb88f0cd83ce32829ec91adff755
        Stored in directory: /home/wevertondv/.cache/pip/wheels/18/f8/c5/2cbcf63ee58e13dfdef860cbe8378632758d8dfe72804f7b2c
Successfully built mysqlclient
Installing collected packages: mysqlclient
Successfully installed mysqlclient-2.2.7
(infomusica) 02:43 ~ $ 

```

Voltando para o dashboard, clique em “files” depois em “infomusica” que é onde estão os arquivos do projeto, procure o arquivo “.env” e clique nele para alterá-lo. depois que abrir o arquivo, insira:

“

```

DB_NAME=' '
DB_USER=' '
DB_PASSWORD=' '
DB_HOST=' '
DB_PORT=' '

```

Depois clique control+s para salvar as alterações.

Clique em “files” da página do pythonanywhere, clique na pasta do nosso projeto “infomusica” e procure a pasta “core”, agora clique no arquivo “settings.py”. Procure por “DATABASES” apague tudo e escreva:

“

```

DATABASES = {
    'default': {
        'ENGINE': 'django.db.backends.mysql',
        'NAME': config('DB_NAME'),
        'USER': config('DB_USER'),
        'PASSWORD': config('DB_PASSWORD'),
        'HOST': config('DB_HOST'),
        'PORT': config('DB_PORT'),
    }
}

```

"

Clique control+s para salvar as alterações.

Crie um banco de dados em “databases” no pythonanywhere.

Crie uma senha para o banco de dados e depois clique em “initialize MySQL” .

The screenshot shows the PythonAnywhere Databases page. At the top, there are tabs for MySQL and Postgres. The MySQL tab is selected. Below it, a large button labeled "Initialize MySQL" is visible. A progress bar indicates the process is "Initializing your MySQL database – this will take a minute or so." A note below the progress bar states: "This should be different to your main PythonAnywhere password, because it is likely to appear in plain text in any web applications you write."

Criando um banco de dados com o nome do projeto “infomusica”.

The screenshot shows the PythonAnywhere Database Settings page. It displays a message: "Since you have a free account, you will only be able to connect to your database using code running inside PythonAnywhere." Below this, a section titled "Your databases:" shows a table with one row: "Name" (WevertonDv\$Default). A "Create" button is available to add more databases. The "Database name:" field contains "infomusica". A "Create" button is also present here. A note below the database name field says: "Your database names always start with your username + '\$'. There's no need to type that prefix in below, though: PythonAnywhere will automatically add it." At the bottom, there are fields for "MySQL password:" and "New password:", with a note: "This should be different to your main PythonAnywhere password, because it is likely to appear in plain text in any web applications you write."

Vá no arquivo “.env” novamente e atualize as informações do banco de dados. colocando as seguintes informações:

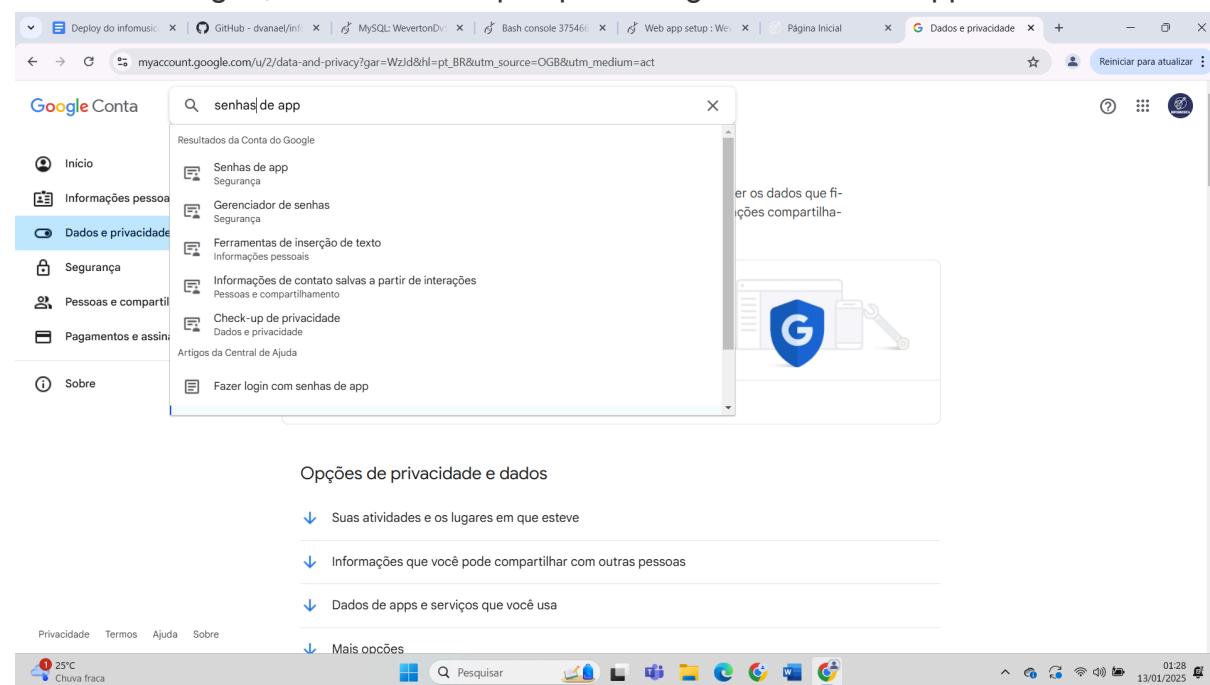
"

DB_NAME='WevertonDv\$infomusica' (AQUI É O NOME DO BANCO DE DADOS).
DB_USER='WevertonDv' (AQUI É O NOME DO USUÁRIO QUE ESTÁ LOGADO).
DB_PASSWORD='infomusica' (AQUI COLOQUE A SENHA QUE VOCÊ CRIOU
PARA O BANCO DE DADOS)
DB_HOST='WevertonDv.mysql.pythonanywhere-services.com' (HOST DO BANCO
DE DADOS).
DB_PORT='3306' (ESSA É A PORTA PADRÃO DO BANCO MySQL).

Vá em “consoles” abra o terminal novamente, insira o código “workon infomusica” para acessar os arquivos do projeto e depois entre na venv com o comando “cd infomusica/”, insira comando “python manage.py migrate” e depois “python scripts/setup.py”. Agora vá em “web” e clique em “reload WevertonDv.pythonanywhere.com”.

Configuração do email de serviço de notificações do projeto.

Primeiramente accese a conta Google do projeto, depois clique em “gerenciar sua Conta do Google”, vá na barra de pesquisa e digite “senhas de app” e dê enter.



Criando um nome para o app:

Suas senhas de app

infomusica Criada em 20 de dez. de 2024, usada pela última vez em 1 de jan.

Para criar uma senha específica para um app, digite o nome dele abaixo...

Nome do app
WevertonDv

Criar

Privacidade Termos Ajuda Sobre

Em seguida clique em “criar”.

Anote a senha criada do app para utilizar no projeto.

Procure o arquivo “.env” do projeto e o abra.

Coloque o email do projeto em “`DEFAULT_FROM_EMAIL = ''`”

```
1 DEBUG=True
2 SECRET_KEY='s@lk#$a*z1hy954kyl8hi=~gj%hr#mtbj#&h=%^8nfs6gbz!d'
3
4 DEFAULT_FROM_EMAIL = 'infomusica.infoweb@gmail.com'
5 EMAIL_BACKEND = 'django.core.mail.backends.smtp.EmailBackend'
6
7 EMAIL_HOST = 'smtp.gmail.com'
8 EMAIL_USE_TLS = True
9 EMAIL_PORT = 587
10
11 EMAIL_HOST_USER = 'infomusica.infoweb@gmail.com'
12 EMAIL_HOST_PASSWORD = 'cdlzsuftezfldkv'
13
14 DB_NAME='WevertonDv$infomusica'
15 DB_USER='WevertonDv'
16 DB_PASSWORD='infomusica'
17 DB_HOST='WevertonDv.mysql.pythonanywhere-services.com'
18 DB_PORT='3306'
```

depois coloque o email do projeto em “`EMAIL_HOST_USER = ''`”

```
1 DEBUG=True
2 SECRET_KEY='s@lk#$a*zihy954ky18hi=^gj%hr#mtbj#&h%^8nfs6gbz!d'
3
4 DEFAULT_FROM_EMAIL = 'infomusica.infoweb@gmail.com'
5 EMAIL_BACKEND = 'django.core.mail.backends.smtp.EmailBackend'
6
7 EMAIL_HOST = 'smtp.gmail.com'
8 EMAIL_USE_TLS = True
9 EMAIL_PORT = 587
10
11 EMAIL_HOST_USER = 'infomusica.infoweb@gmail.com'
12 EMAIL_HOST_PASSWORD = 'cdlzsuftezfldkv'
13
14 DB_NAME='WevertonDv$infomusica'
15 DB_USER='WevertonDv'
16 DB_PASSWORD='infomusica'
17 DB_HOST='WevertonDv.mysql.pythonanywhere-services.com'
18 DB_PORT='3306'
```

The screenshot shows a terminal window with the .env file open. The line 'EMAIL_HOST_PASSWORD' has been modified from its original value to a new one. The status bar at the bottom indicates it's 01:45 on 13/01/2025.

e por último coloque a senha do app, que foi gerada no e-mail anteriormente, em
“EMAIL_HOST_PASSWORD = ‘’ “

```
1 DEBUG=True
2 SECRET_KEY='s@lk#$a*zihy954ky18hi=^gj%hr#mtbj#&h%^8nfs6gbz!d'
3
4 DEFAULT_FROM_EMAIL = 'infomusica.infoweb@gmail.com'
5 EMAIL_BACKEND = 'django.core.mail.backends.smtp.EmailBackend'
6
7 EMAIL_HOST = 'smtp.gmail.com'
8 EMAIL_USE_TLS = True
9 EMAIL_PORT = 587
10
11 EMAIL_HOST_USER = 'infomusica.infoweb@gmail.com'
12 EMAIL_HOST_PASSWORD = 'cdlzsuftezfldkv'
13
14 DB_NAME='WevertonDv$infomusica'
15 DB_USER='WevertonDv'
16 DB_PASSWORD='infomusica'
17 DB_HOST='WevertonDv.mysql.pythonanywhere-services.com'
18 DB_PORT='3306'
```

The screenshot shows the same terminal window as before, but now the 'EMAIL_HOST_PASSWORD' line contains the correct password. The status bar at the bottom indicates it's 01:47 on 13/01/2025.

Clique control+s para salvar as alterações.

Agora com tudo finalizado, volte em “web” e clique em “Reload WevertonDv.pythonanywhere.com”, e clique para ser direcionado ao site do projeto já funcionando normalmente.

Screenshot of the PythonAnywhere configuration page for the website WevertonDv.pythonanywhere.com.

The page shows the following information:

- pythonanywhere by ANACONDA**
- WevertonDv.pythonanywhere.com**
- Add a new web app**
- Configuration for WevertonDv.pythonanywhere.com**
- Reload:** [Reload WevertonDv.pythonanywhere.com](#)
- Best before date:** This site will be disabled on **Saturday 12 April 2025**.
Run until 3 months from today
- Paying users' sites stay up forever without any need to log in to keep them running.**
- Traffic:**
How busy is your site?

This month (previous month)	87 (0)
Today (yesterday)	20 (67)
Hour (previous hour)	20 (0)

At the bottom, the Windows taskbar shows the weather (25°C, Chuva fraca), search bar, and system icons.

Screenshot of the website wevertonDv.pythonanywhere.com.

The website features a black header with the logo "INFOMUSICA" and navigation links "Acessar" and "Cadastre-se".

The main content area displays a photograph of musical instruments (guitars, drums) and a banner with the text:

INFOMUSICA
A Música no ambiente escolar!

ENTRE AGORA!

At the bottom, the Windows taskbar shows the weather (25°C, Chuva fraca), search bar, and system icons.