

# Deploy the Python blog application on PythonAnywhere


url : [Anandan4592.pythonanywhere.com](https://Anandan4592.pythonanywhere.com)

## Bashconsole

```
Bash console 36613220 Share with others
06:19 ~ % git clone https://github.com/Anandan4592/blog_posts.git Blog
Cloning into 'Blog'...
remote: Enumerating objects: 55, done.
remote: Counting objects: 100% (55/55), done.
remote: Compressing objects: 100% (48/48), done.
remote: Total 55 (delta 5), reused 48 (delta 3), pack-reused 0 (from 0)
Unpacking objects: 100% (55/55), 263.83 KiB | 199.00 KiB/s, done.
06:19 ~ % cd Blog/
06:20 ~/Blog (main) $ mkvirtualenv env
created virtual environment CPython3.10.5.final.0-64 in 16009ms
creator CPython3Posix(dest=/home/Anandan4592/.virtualenvs/env, clear=False, no_vcs_ignore=False, global=False)
seeder FromAppData(download=False, pip=bundle, setuptools=bundle, wheel=bundle, via=copy, app_data_dir=/home/Anandan4592/.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
(env) 06:21 ~/Blog (main) $ pip install -r requirements.txt
Looking in links: /usr/share/pip-wheels
Collecting Django==5.1.2
Using cached Django-5.1.2-py3-none-any.whl (8.3 MB)
Collecting sqlparse>=0.3.1
Using cached sqlparse-0.5.1-py3-none-any.whl (44 kB)
Collecting asgiref<4, >=3.8.1
Using cached asgiref-3.8.1-py3-none-any.whl (23 kB)
Collecting typing-extensions==4
Using cached typing_extensions-4.12.2-py3-none-any.whl (37 kB)
Installing collected packages: typing-extensions, sqlparse, asgiref, Django
Successfully installed Django-5.1.2 asgiref-3.8.1 sqlparse-0.5.1 typing-extensions-4.12.2
(env) 06:24 ~/Blog (main) $ python manage.py migrate
SystemCheckError: System check identified some issues:

ERRORS:
post_app.Blog.attachment: (Fields.E210) Cannot use ImageField because Pillow is not installed.
HINT: Get Pillow at https://pypi.org/project/Pillow/ or run command "python -m pip install Pillow".
(env) 06:25 ~/Blog (main) $ python -m pip install Pillow
Looking in links: /usr/share/pip-wheels
Collecting Pillow
Using cached pillow-11.0.0-cp310-cp310-manylinux_2_28_x86_64.whl (4.4 MB)
Installing collected packages: Pillow
Successfully installed Pillow-11.0.0
(env) 06:26 ~/Blog (main) $ python manage.py migrate
Operations to perform:
Apply all migrations: admin, auth, contenttypes, post_app, sessions
Running migrations:
No migrations to apply.
(env) 06:27 ~/Blog (main) $
```

## Pythonanywhere configuration page

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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 **Thursday 13 February 2025**

[Run until 3 months from today](#)

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

## WSGI configuration file

```
74 # ++++++ DJANGO ++++++
75 # To use your own django app use code like this:
76 import os
77 import sys
78 #
79 ## assuming your django settings file is at '/home/Anandan4592/mysite/mysite/settings.py'
80 ## and your manage.py is at '/home/Anandan4592/mysite/manage.py'
81 path = '/home/Anandan4592/Blog'
82 if path not in sys.path:
83     sys.path.append(path)
84 #
85 os.environ['DJANGO_SETTINGS_MODULE'] = 'blog_posts.settings'
86 #
87 ## then:
88 from django.core.wsgi import get_wsgi_application
89 application = get_wsgi_application()
```

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