1. PythonAnywhere Account Creation

1. Go to **https://www.pythonanywhere.com/** and click **Sign up**.

2. Choose the **Beginner (free)** plan and click **Register**.

3. Fill in your **email**, **username**, and **password**, then submit.

4. Check your email and click the verification link.

5. Log in at pythonanywhere.com with your new credentials.

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2. GitHub Account & Pushing Your Code

1. Visit **https://github.com/**DIVYANGSHRI and click **Sign up**.

2. Enter your **email**, choose a **username**, set a **password**, and complete the CAPTCHA.

3. Select the **Free** plan, verify your email, and finish signup.

4. In GitHub, click **New repository**, name it e.g. blog-project, choose **Public**, then **Create repository**.

5. On your local machine, in your blog project folder, initialize Git and push:

bash

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```
git init

git remote add origin https://github.com/<DIVYANG-SHRIVASTAV>/blog-project.git

git add .

git commit -m "Initial commit"

git push -u origin main
```

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3. Hosting Your Django Blog on PythonAnywhere

1. **Upload code**

   o In your PythonAnywhere dashboard, go to **Files**, then click **Upload a file**.

   o Upload your entire blog-project directory (or use git clone in a Bash console).

2. **Create a virtualenv**

- o Open a **Bash** console on PythonAnywhere.

- o Run:

bash

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mkvirtualenv blogenv --python=python3.8

pip install django gunicorn

pip install -r /home/<username>/blog-project/requirements.txt

3. **Set up the web app**

- o Go to the **Web** tab, click **Add a new web app** → **Manual configuration** → **Python 3.x**.

- o Under **Virtualenv**, enter /home/<username>/.virtualenvs/blogenv.

- o Under **Source code**, set the path to /home/<username>/blog-project.

- o Under **WSGI configuration file**, edit it to point to your Django project's wsgi.py:

import os, sys

path = '/home/<username>/blog-project'

if path not in sys.path:

  sys.path.append(path)

os.environ['DJANGO_SETTINGS_MODULE'] = 'blog_project.settings'

from django.core.wsgi import get_wsgi_application

application = get_wsgi_application()

4. **Static files & database**

- o In **Web** → **Static files**, map /static/ to /home/<username>/blog-project/static/.

- o Back in your Bash console, migrate and collect static:

workon blogenv

cd ~/blog-project

python manage.py migrate

python manage.py collectstatic --noinput

5. **Reload and test**

   o Click **Reload** on the **Web** tab.

   o Visit https://<your-username>.pythonanywhere.com/ — your blog should be live!