

Deploy Application on Pythonanywhere

1. Check module/requirement list

`pip freeze`

2. Create a Requirements Files

`pip freeze > req.txt`

3. Define STATIC_ROOT value

`STATIC_ROOT = os.path.join(BASE_DIR, 'static/')`

4. Compress Project

5. Upload Compressed Project on Server

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6. After Uploading Done Click Consoles Tab then open Bash

7. Create Virtual Env

```
mkvirtualenv envname --python=/usr/bin/python3.8
```

8. Make sure you are inside env then Uncompress Project

```
unzip projectfoldername
```

9. Go to Web Tab then Add a new Web App (Choose Manual Configuration and Python Version)

10. Find virtualenv and write your env name

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11. Go to Console Tab and Open Base

12. Enter into your env

`workon envname`

13. `dir` to see list of dir an files

14. Change Directory to projectfolder

`cd projectfolder`

15. Install Requirements

`pip install -r req.txt`

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16. Go to Web Tab

open wsgi.py file

17. Remove Code except DJANGO Section then edit it and save

18. Go to Files and open inner project folder then open settings.py file then edit and save

`DEBUG = False`

`ALLOWED_HOSTS = ['*']`

19. Go to consoles Tab open Bash and Active env

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20. Change Directory to Project Folder then run collectstatic command

`python manage.py collectstatic`

21. GO to Web Tab and look for Static Files Section there write URL and Directory

URL = /static/

Directory = /home/magicextra/resumeproject/static

22. Reload