www.anandjn.com

**Author: Anand Jain**

**Email: anandjn505@gmail.com**

PORTFOLIO  
App : /

\_\_\_

# www.anandjn.com/

## Header / navigation

* Footer / social links / made with <3, django
* Photo : author.jpg
* Name : Anand Jain
* Tag (mini description) : Software Engineer @ IBM
* Greeting : Namaste
* Para 1 : This is para 1
* Para 2: This is para 2
* Download Resume : drive link to resume

\_\_\_

# 18 June

**Pushing code to github**

Avoid leaking any confidential information

* DB username and password
* SECRET KEY

Solution : <https://stackoverflow.com/questions/64208678/hiding-secret-key-in-django-project-on-github-after-uploading-project>

\_\_

# 20 June

**Setting up gitHub ssh keys**

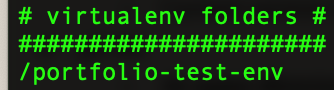
On Mac

Check if ssh key exists

* *ls -al ~/.ssh*
  + Lists all ssh keys we have
* *ssh-keygen -t ed25519 -C* [*anandjn505@gmail.com*](mailto:anandjn505@gmail.com)
  + Generates our private/public key pair after asking our file location and paraphrase
* *eval “$(ssh-agent -s)”*
  + Starts our ssh agent
* *open ~/.ssh/config*
  + Look for config
* *touch ~/.ssh/config*
  + Create config file
* *vim ~/.ssh/config*
  + *Host\**
  + *AddKeychain yes*
  + *UseKeychain yes*
  + *IdentityFIle !/.ssh/id\_ed25519*
    - Name of our private key
    - Save above lines
* *ssh-add -K ~/.ssh/id\_ed25519*
  + Adding our key to keygen after entering paraphrase
* *pbcopy < ~/.ssh/id\_ed25519.pub*
  + Copy our public key to clipboard
  + We can paste this key to our gitHub for further use.

**Setting up Virtual environment**

we create a Virtual environment

* *python -m venv portfolio-env*
  + **cd** to environment and activate
  + *source bin/activate*
* *python -m pip install Django* 
  + Current version 3.2.4
* *git init*
  + **At same directory level as portfolio-test-env**
  + **So that we dont push our environment to gitHub**
* *git remote add origin* [*git@github.com*](mailto:git@github.com)*:anandjn/portfolio-test.git*
* *git pull origin main*
  + Pulling license and readme.md
* Setting up git ignore to ignore our virtual environment
  + In **.gitignore** add
  + 

**Create a project : myTestPortfolio**

* *django-admin startproject portfolio .*
  + “.” help to tell django our project's desired location.
* Hiding our secret key
  + Create a file **.env** at same location as **manage.py** and add
    - SECRET\_KEY = '....your secret key ....' # --- the one indicated in your settings.py, cut and paste it here
  + In **settings.py** add
    - # for hiding secret key #
    - from decouple import config
    - #
    - SECRET\_KEY = config("SECRET\_KEY")
  + Create a file **.gitignore** if not present and add
    - *.env*
  + From terminal install and run
    - *pip install python decouple*
    - *pip freeze>requirements.txt*
      * Creates a requirements.txt file
      * To install from requirement.txt use
        + *pip install -r requirements.txt*

**Create an app: home**

At same location as **manage.py** run

* *python manage.py startapp home*
* In **home/views.py** write
  + from django.shortcuts import render
  + from django.http import HttpResponse
  + # Create your views here.
  + def index(request):
  + return HttpResponse("Namaste!")
* Create a local **urlsCONF** file i.e. **home/urls.py** and add
  + from django.urls import path
  + from . import views
  + urlpatterns = [
  + path('', views.index, name = 'index'),
  + ]
* Connect this local **urlCONF** file to global **urlCONF** i.e in **/portfolio/urls.py** add
  + from django.contrib import admin
  + from django.urls import path, include
  + urlpatterns = [
  + path('', include('home.urls')),
  + path('admin/', admin.site.urls),
  + ]