Nearby Vocational Job Finder

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# Namespace Index

## 1.1 Namespace List

Here is a list of all namespaces with brief descriptions:

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| feed.admin                              | 9  |
| feed.apps                               | 9  |
| feed.migrations                         | 9  |
| feed.migrations.0001_initial            | 10 |
| feed.migrations.0002_job_details_image  | 10 |
| feed.migrations.0003_auto_20201112_1230 | 10 |
| feed.migrations.0004_auto_20201112_1433 | 10 |
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| feed.models                             | 10 |
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2 Namespace Index

# **Hierarchical Index**

## 2.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

| Migration  |
|--|
| feed.migrations.0001_initial.Migration                 |
| feed.migrations.0002_job_details_image.Migration       |
| feed.migrations.0003_auto_20201112_1230.Migration      |
| feed.migrations.0004_auto_20201112_1433.Migration      |
| feed.migrations.0005_auto_20201112_1436.Migration      |
| myprofile.migrations.0001_initial.Migration            |
| myprofile.migrations.0002_auto_20201111_1337.Migration |
| sign_in.migrations.0001_initial.Migration              |
| Model  |
| feed.models.applied_jobs                               |
| feed.models.Job_details                                |
| myprofile.models.Profile_details                       |
| sign_in.models.Post                                    |
| AppConfig  |
| feed.apps.FeedConfig                                   |
| myprofile.apps.MyprofileConfig                         |
| sign_in.apps.SignInConfig                              |

4 Hierarchical Index

# **Class Index**

## 3.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

| feed.models.applied_jobs                               |    |
|--|----|
| This class is used to create the applied_jobs table    | 27 |
| feed.apps.FeedConfig                                   | 28 |
| feed.models.Job_details                                |    |
| This class is used to create the Job_details table     | 29 |
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| feed.migrations.0003_auto_20201112_1230.Migration      | 34 |
| myprofile.migrations.0002_auto_20201111_1337.Migration | 35 |
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| feed.migrations.0005_auto_20201112_1436.Migration      | 38 |
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| myprofile.apps.MyprofileConfig                         | 40 |
| sign_in.models.Post                                    | 40 |
| myprofile.models.Profile_details                       |    |
| This class is used to create the Profile_details table | 41 |
| sign in.apps.SignInConfig                              | 43 |

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# File Index

## 4.1 File List

| Here | IS 8 | a list | of all | files | with | briet | descripti | ons: |
|------|------|--------|--------|-------|------|-------|-----------|------|
| _    |      |        |        |       |      |       |           |      |

| D:/Study_only/IITB/NVJF/manage.py  |            |
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## **Namespace Documentation**

## 5.1 feed Namespace Reference

#### **Namespaces**

- admin
- apps
- migrations
- models
- tests
- views

## 5.2 feed.admin Namespace Reference

## 5.3 feed.apps Namespace Reference

#### Classes

class FeedConfig

## 5.4 feed.migrations Namespace Reference

#### **Namespaces**

- 0001\_initial
- 0002\_job\_details\_image
- 0003\_auto\_20201112\_1230
- 0004\_auto\_20201112\_1433
- 0005\_auto\_20201112\_1436

## 5.5 feed.migrations.0001\_initial Namespace Reference

#### **Classes**

- class Migration
- 5.6 feed.migrations.0002\_job\_details\_image Namespace Reference

#### **Classes**

- · class Migration
- 5.7 feed.migrations.0003\_auto\_20201112\_1230 Namespace Reference

#### **Classes**

- class Migration
- 5.8 feed.migrations.0004\_auto\_20201112\_1433 Namespace Reference

#### **Classes**

- class Migration
- 5.9 feed.migrations.0005\_auto\_20201112\_1436 Namespace Reference

#### **Classes**

- class Migration
- 5.10 feed.models Namespace Reference

#### **Classes**

class applied\_jobs

This class is used to create the applied\_jobs table.

· class Job\_details

This class is used to create the Job\_details table.

#### 5.11 feed.tests Namespace Reference

#### 5.12 feed.views Namespace Reference

#### **Functions**

· def feed (request)

This function is used genrating new Job feed for the user.

def feed\_update (request)

This function is used updating and filtering new Job feed for the user.

def post\_job (request)

This function is used displaying a page that job provider uses to add job.

def submit job (request)

This function is used store the job data in databse, recieved from the job provider.

def job\_info (request)

This function is used to display the job posted by job provider.

def save applied (request)

This function is used to save status of job applier to the job he has applied.

def applied\_job (request)

This function is used to show job seeker all the jobs he has applied to.

def applied\_job\_update (request)

This function is used apply various filter to view the jobs posted.

def delete\_applied\_job (request)

This function lets users to delete the job he has previously applied.

def posted\_job\_response (request)

This function lets job provider to see responses from job seekers.

def posted\_job\_response\_update (request)

This function lets job provider to query his posted jobs and apply filters to them.

• def show\_job\_responses (request)

This function lets job provider to see detailed info of the job seekers who have applied for the job.

def save\_job\_response (request)

This function helps job provider to select one or more job seeker for his posted job.

• def mark\_complete (request)

This function helps job provider to mark his posted job as complete.

def distance (lat1, lon1, lat2, lon2)

This function helps to calculate distance between job seeker and job location.

• def get\_sorted\_job\_details (details, lat, lon)

This function helps to sort job details table on basis distance between job seeker and job location.

• def current\_location (request)

This function helps to fetch current location of job seeker.

#### 5.12.1 Function Documentation

#### 5.12.1.1 applied\_job()

This function is used to show job seeker all the jobs he has applied to.

This function helps user to see all the jobs he has applied to. We query both job-applied table and job-details table and perform a natural join to get the details of jobs job seeker has applied.

#### 5.12.1.2 applied\_job\_update()

This function is used apply various filter to view the jobs posted.

This function helps user to query/view jobs and apply four filters. 1)current\_approval\_awaiting\_jobs 2)past\_← approved jobs 3)past not responded jobs 4)Current approved jobs

#### 5.12.1.3 current\_location()

This function helps to fetch current location of job seeker.

We are reuesting job seeker's location, if the location isn't already available in request.session

#### 5.12.1.4 delete applied job()

This function lets users to delete the job he has previously applied.

This function helps user to delete his previously applied jobs. We query applied\_jobs table and delete the entry containg the current profile and job the user has selected.

#### 5.12.1.5 distance()

This function helps to calculate distance between job seeker and job location.

"This function will calculate the distance between two points job seeker(lat1,lon1) & job location(lat2,lon2)

#### **Parameters**

| lat1 | Job-seeker Latitude    |
|------|------------------------|
| lon1 | Job-seeker Longitude   |
| lat2 | Job-location Latitude  |
| lon2 | Job-location Longitude |

#### 5.12.1.6 feed()

```
{\tt def \ feed.views.feed} ( {\tt request} )
```

This function is used genrating new Job feed for the user.

This function genrates feed for user. Tasks that this function accomplishes are displaying user avatar, Ordering jobs based on Longitude and Latitude of the current User, and displaying the final job feeds.

#### 5.12.1.7 feed\_update()

```
def feed.views.feed_update (
          request )
```

This function is used updating and filtering new Job feed for the user.

This function updates the feed for user. Tasks that this function accomplishes are Filtering job feeds on basis of price, on basis of skill required for the job, also facilitates searching in job description of jobs through search bar.

#### 5.12.1.8 get\_sorted\_job\_details()

This function helps to sort job details table on basis distance between job seeker and job location.

Returns the job details queryset in sorted order by distance

#### **Parameters**

| lat | Job-seeker Latitude  |
|-----|----------------------|
| lon | Job-seeker Longitude |

#### 5.12.1.9 job\_info()

```
def feed.views.job_info (
          request )
```

This function is used to display the job posted by job provider.

This function helps to create a template of Job details to display to job-seeker. We first extract data of job details from database and add it to a variable. Then we also query the profile table in database to get details about job poster. After all that we generate a template using this variable.

#### 5.12.1.10 mark\_complete()

This function helps job provider to mark his posted job as complete.

In this function we query Job details table using job\_id and set is\_job\_completed column to be TRUE.

#### 5.12.1.11 post\_job()

This function is used displaying a page that job provider uses to add job.

This function enables the job provider for adding a new job.

#### 5.12.1.12 posted\_job\_response()

This function lets job provider to see responses from job seekers.

This function helps job provider to see responses from job seeker on his posted job. We query the job details and Applied jobs and inner join them. Then we filter jobs using job id of current user.

#### 5.12.1.13 posted\_job\_response\_update()

This function lets job provider to guery his posted jobs and apply filters to them.

This function helps job provider to filter and view his posted jobs: This filter works using a variable is\_job\_completed to see if the job is completed.

#### 5.12.1.14 save\_applied()

```
\begin{tabular}{ll} $\operatorname{def feed.views.save\_applied} & \\ & request \end{tabular} \label{eq:applied}
```

This function is used to save status of job applier to the job he has applied.

#### 5.12.1.15 save\_job\_response()

This function helps job provider to select one or more job seeker for his posted job.

In this function we query apllied jobs table using user id and job\_id and set is\_job\_approved column to be TRUE.

#### 5.12.1.16 show\_job\_responses()

```
\begin{tabular}{ll} $\operatorname{def feed.views.show\_job\_responses} & ( \\ & request \end{tabular} \label{eq:constraints}
```

This function lets job provider to see detailed info of the job seekers who have applied for the job.

This functions helps job provider to see detailed job seekers info. From Applied jobs table on the basis of job\_id we get all users who has applied that particular job. Then using Profile table we get detailed information about each job seeker.

#### 5.12.1.17 submit\_job()

This function is used store the job data in databse, recieved from the job provider.

This function extracts the data from the post of the frontend and populate in databsae.

### 5.13 manage Namespace Reference

#### **Functions**

• def main ()

Run administrative tasks.

#### 5.13.1 Function Documentation

#### 5.13.1.1 main()

```
def manage.main ( )
```

Run administrative tasks.

### 5.14 myprofile Namespace Reference

#### **Namespaces**

- admin
- apps
- · migrations
- · models
- · tests
- views

## 5.15 myprofile.admin Namespace Reference

## 5.16 myprofile.apps Namespace Reference

#### **Classes**

· class MyprofileConfig

### 5.17 myprofile.migrations Namespace Reference

#### **Namespaces**

- 0001 initial
- 0002\_auto\_20201111\_1337

## 5.18 myprofile.migrations.0001\_initial Namespace Reference

#### **Classes**

class Migration

# 5.19 myprofile.migrations.0002\_auto\_20201111\_1337 Namespace Reference

#### Classes

class Migration

### 5.20 myprofile.models Namespace Reference

#### **Classes**

· class Profile details

This class is used to create the Profile\_details table.

## 5.21 myprofile.tests Namespace Reference

### 5.22 myprofile.views Namespace Reference

#### **Functions**

- def profile (request)
- def save\_profile (request)

This function is used to store information of user in database.

def fetch\_profile (request)

This function is used to fetch user information from database.

#### 5.22.1 Function Documentation

#### 5.22.1.1 fetch profile()

```
\begin{tabular}{ll} def \ myprofile.views.fetch\_profile \ (\\ request \ ) \end{tabular}
```

This function is used to fetch user information from database.

We load profile details in our profile\_details form for the user to update profile .

#### 5.22.1.2 profile()

#### 5.22.1.3 save\_profile()

This function is used to store information of user in database.

We save the details provide by user in Profile\_details Table. There are three types of profile user can choose Job-seeker only, Job-provider only and both.

#### 5.23 NVJF Namespace Reference

#### **Namespaces**

- · asgi
- · settings
- urls
- wsgi

## 5.24 NVJF.asgi Namespace Reference

#### **Variables**

• application = get\_asgi\_application()

#### 5.24.1 Variable Documentation

#### 5.24.1.1 application

NVJF.asgi.application = get\_asgi\_application()

### 5.25 NVJF.settings Namespace Reference

#### **Variables**

- BASE\_DIR = Path(\_\_file\_\_).resolve().parent.parent
- string SECRET KEY = 'r3i%b!(n16h4ll00!c1w\*|6ba&@g@ct\$v(tta\$(5!=h=!y4b i')
- bool DEBUG = True
- list ALLOWED\_HOSTS = []
- list INSTALLED APPS
- list MIDDLEWARE
- string ROOT\_URLCONF = 'NVJF.urls'
- list TEMPLATES
- string WSGI\_APPLICATION = 'NVJF.wsgi.application'
- dictionary DATABASES
- list AUTH\_PASSWORD\_VALIDATORS
- string LANGUAGE\_CODE = 'en-us'
- string TIME\_ZONE = 'UTC'
- bool USE\_I18N = True
- bool USE L10N = True
- bool USE\_TZ = True
- string STATIC\_URL = '/static/'
- list STATICFILES\_DIRS = [os.path.join(BASE\_DIR,"images"),]
- string MEDIA\_URL = '/media/'
- MEDIA\_ROOT = os.path.join(BASE\_DIR,"images")
- tuple AUTHENTICATION\_BACKENDS
- string SOCIAL\_AUTH\_GOOGLE\_OAUTH2\_SECRET = 'sqQ8K0X-KK-s7lzCb-Lz-IM9'
- string LOGIN URL = '/auth/login/google-oauth2/'
- string LOGIN REDIRECT URL = '/sign in/redirect'
- string LOGOUT\_REDIRECT\_URL = '/'
- string SOCIAL\_AUTH\_URL\_NAMESPACE = 'social'

#### 5.25.1 Variable Documentation

#### 5.25.1.1 ALLOWED\_HOSTS

```
list NVJF.settings.ALLOWED_HOSTS = []
```

#### 5.25.1.2 AUTH\_PASSWORD\_VALIDATORS

```
list NVJF.settings.AUTH_PASSWORD_VALIDATORS
```

#### Initial value:

#### 5.25.1.3 AUTHENTICATION\_BACKENDS

tuple NVJF.settings.AUTHENTICATION\_BACKENDS

#### Initial value:

```
1 = (
2     'social_core.backends.google.GoogleOAuth2',
3     'django.contrib.auth.backends.ModelBackend',
4 )
```

#### 5.25.1.4 BASE DIR

```
NVJF.settings.BASE_DIR = Path(__file__).resolve().parent.parent
```

#### **5.25.1.5 DATABASES**

dictionary NVJF.settings.DATABASES

#### Initial value:

```
1 = {
2    'default': {
3         'ENGINE': 'django.db.backends.postgresql',
4         'NAME': 'NVJF',
5         'USER': 'postgres',
6         'PASSWORD': '1234',
7         'HOST' : 'localhost'
8     }
9 }
```

#### 5.25.1.6 DEBUG

bool NVJF.settings.DEBUG = True

#### 5.25.1.7 INSTALLED\_APPS

list NVJF.settings.INSTALLED\_APPS

#### Initial value:

```
1 = [
2 'django.contrib.admin',
       'django.contrib.auth',
       'django.contrib.contenttypes',
4
      'django.contrib.sessions',
'django.contrib.messages',
6
       'django.contrib.staticfiles',
      'sign_in',
      'feed',
'myprofile',
9
10
        'social_django',
11
12
13
14]
```

#### 5.25.1.8 LANGUAGE\_CODE

```
string NVJF.settings.LANGUAGE_CODE = 'en-us'
```

#### 5.25.1.9 LOGIN\_REDIRECT\_URL

string NVJF.settings.LOGIN\_REDIRECT\_URL = '/sign\_in/redirect'

#### 5.25.1.10 LOGIN\_URL

```
string NVJF.settings.LOGIN_URL = '/auth/login/google-oauth2/'
```

#### 5.25.1.11 LOGOUT\_REDIRECT\_URL

```
string NVJF.settings.LOGOUT_REDIRECT_URL = '/'
```

#### 5.25.1.12 MEDIA\_ROOT

```
NVJF.settings.MEDIA_ROOT = os.path.join(BASE_DIR, "images")
```

#### 5.25.1.13 MEDIA\_URL

```
string NVJF.settings.MEDIA_URL = '/media/'
```

#### 5.25.1.14 MIDDLEWARE

list NVJF.settings.MIDDLEWARE

#### Initial value:

#### 5.25.1.15 ROOT\_URLCONF

```
string NVJF.settings.ROOT_URLCONF = 'NVJF.urls'
```

#### 5.25.1.16 SECRET\_KEY

```
string \ NVJF.settings.SECRET\_KEY = \ 'r3i\$b! (n16h4ll00!clw*!6ba&@g@ct\$v (tta\$(5!=h=!y4b\_i')) + (n16h4ll00!clw*!6ba&@g@ct\$v (tta\$(5!=h=!y4b)) + (n16h4ll00!clw*!6ba&@gwat (ttall00!clw*!6ba&@gwat (ttall00!clw*!6ba&@gwat (ttall00!clw*!6ba&@gwat (ttall00!clw*!6ba&@gwat (ttall00!clw*!6ba&@gwat (ttall00!clw*!6ba&@
```

#### 5.25.1.17 SOCIAL\_AUTH\_GOOGLE\_OAUTH2\_KEY

string NVJF.settings.SOCIAL\_AUTH\_GOOGLE\_OAUTH2\_KEY = '235752046632-0k1jriid4e1v6q2esp6feia580oiab1p.  $\leftarrow$  apps.googleusercontent.com'

#### 5.25.1.18 SOCIAL\_AUTH\_GOOGLE\_OAUTH2\_SECRET

```
string NVJF.settings.SOCIAL_AUTH_GOOGLE_OAUTH2_SECRET = 'sqQ8K0X-KK-s7lzCb-Lz-lM9'
```

#### 5.25.1.19 SOCIAL\_AUTH\_URL\_NAMESPACE

```
string NVJF.settings.SOCIAL_AUTH_URL_NAMESPACE = 'social'
```

#### 5.25.1.20 STATIC\_URL

```
string NVJF.settings.STATIC_URL = '/static/'
```

#### 5.25.1.21 STATICFILES\_DIRS

```
list NVJF.settings.STATICFILES_DIRS = [os.path.join(BASE_DIR,"images"),]
```

#### 5.25.1.22 TEMPLATES

list NVJF.settings.TEMPLATES

#### Initial value:

```
3
           'BACKEND': 'django.template.backends.django.DjangoTemplates',
           'DIRS': [os.path.join(BASE_DIR, 'templates'),],
'APP_DIRS': True,
'OPTIONS': {
4
5
6
                'context_processors': [
8
                    'django.template.context_processors.debug',
                    'django.template.context_processors.request'
10
                     \tt 'django.contrib.auth.context\_processors.auth',\\
                     'django.contrib.messages.context_processors.messages',
11
                     'social_django.context_processors.backends',
12
                     'social_django.context_processors.login_redirect',
13
                ],
15
           },
16
17 ]
```

#### 5.25.1.23 TIME\_ZONE

string NVJF.settings.TIME\_ZONE = 'UTC'

#### 5.25.1.24 USE\_I18N

bool NVJF.settings.USE\_I18N = True

#### 5.25.1.25 USE\_L10N

bool NVJF.settings.USE\_L10N = True

#### 5.25.1.26 USE\_TZ

bool NVJF.settings.USE\_TZ = True

#### 5.25.1.27 WSGI\_APPLICATION

string NVJF.settings.WSGI\_APPLICATION = 'NVJF.wsgi.application'

## 5.26 NVJF.urls Namespace Reference

#### **Variables**

• list urlpatterns

#### 5.26.1 Variable Documentation

#### 5.26.1.1 urlpatterns

list NVJF.urls.urlpatterns

## 5.27 NVJF.wsgi Namespace Reference

#### **Variables**

• application = get\_wsgi\_application()

#### 5.27.1 Variable Documentation

#### 5.27.1.1 application

NVJF.wsgi.application = get\_wsgi\_application()

## 5.28 sign\_in Namespace Reference

#### **Namespaces**

- admin
- apps
- migrations
- models
- · tests
- views

## 5.29 sign\_in.admin Namespace Reference

## 5.30 sign\_in.apps Namespace Reference

#### **Classes**

• class SignInConfig

## 5.31 sign\_in.migrations Namespace Reference

#### **Namespaces**

• 0001\_initial

### 5.32 sign\_in.migrations.0001\_initial Namespace Reference

#### **Classes**

· class Migration

### 5.33 sign\_in.models Namespace Reference

#### **Classes**

· class Post

### 5.34 sign\_in.tests Namespace Reference

### 5.35 sign\_in.views Namespace Reference

#### **Functions**

• def index (request)

This function directs user to log-in ,if user isn't logged in. Otherwise directs user to main page.

• def new\_view (request)

This function dircts user to create a profile ,if user doesn't exist in our database.

#### 5.35.1 Function Documentation

#### 5.35.1.1 index()

This function directs user to log-in ,if user isn't logged in. Otherwise directs user to main page.

We check if a user session is created and depending on it direct user to appropriate page.

#### 5.35.1.2 new\_view()

This function dircts user to create a profile ,if user doesn't exist in our database.

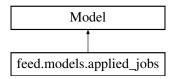
We are checking on basis of google signed-in email, if the user email exists in our database. If user exists in our database we direct him to mainpage. Else we redirect him to create a new profile.

## **Class Documentation**

## 6.1 feed.models.applied\_jobs Class Reference

This class is used to create the applied\_jobs table.

Inheritance diagram for feed.models.applied\_jobs:



#### **Static Public Attributes**

- job\_id = models.ForeignKey(Job\_details,on\_delete=models.CASCADE)
- user\_id = models.ForeignKey(Profile\_details,on\_delete=models.CASCADE)
- is\_job\_approved = models.BooleanField(default=False)

#### 6.1.1 Detailed Description

This class is used to create the applied\_jobs table.

#### 6.1.2 Member Data Documentation

#### 6.1.2.1 is\_job\_approved

28 Class Documentation

#### 6.1.2.2 job\_id

feed.models.applied\_jobs.job\_id = models.ForeignKey(Job\_details,on\_delete=models.CASCADE)
[static]

#### 6.1.2.3 user\_id

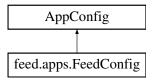
feed.models.applied\_jobs.user\_id = models.ForeignKey(Profile\_details,on\_delete=models.CASCADE)
[static]

The documentation for this class was generated from the following file:

• D:/Study\_only/IITB/NVJF/feed/models.py

## 6.2 feed.apps.FeedConfig Class Reference

Inheritance diagram for feed.apps.FeedConfig:



#### **Static Public Attributes**

• string name = 'feed'

#### 6.2.1 Member Data Documentation

#### 6.2.1.1 name

```
string feed.apps.FeedConfig.name = 'feed' [static]
```

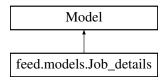
The documentation for this class was generated from the following file:

D:/Study\_only/IITB/NVJF/feed/apps.py

## 6.3 feed.models.Job details Class Reference

This class is used to create the Job\_details table.

Inheritance diagram for feed.models.Job\_details:



#### **Static Public Attributes**

- job\_id = models.AutoField(primary\_key=True)
- job\_desc = models.TextField(blank=False, null=True)
- job\_email = models.EmailField(null=True)
- phone no = models.TextField(max length=10,null=True)
- job\_price = models.IntegerField(null=True)
- job\_time = models.TimeField(auto\_now=False)
- job\_date = models.DateField(auto\_now=False)
- job latitude = models.FloatField(null=True)
- job\_address = models.TextField(blank=False, null=True)
- job\_longitude = models.FloatField(null=True)
- job skill = models.TextField(blank=False, null=True)
- job\_distance = models.IntegerField(null=True)
- is\_job\_completed = models.BooleanField(default=False)
- image = models.TextField(blank=False, null=True)

#### 6.3.1 Detailed Description

This class is used to create the Job\_details table.

#### 6.3.2 Member Data Documentation

#### 6.3.2.1 image

feed.models.Job\_details.image = models.TextField(blank=False, null=True) [static]

#### 6.3.2.2 is\_job\_completed

feed.models.Job\_details.is\_job\_completed = models.BooleanField(default=False) [static]

#### 6.3.2.3 job\_address

feed.models.Job\_details.job\_address = models.TextField(blank=False, null=True) [static]

#### 6.3.2.4 job\_date

feed.models.Job\_details.job\_date = models.DateField(auto\_now=False) [static]

#### 6.3.2.5 job\_desc

feed.models.Job\_details.job\_desc = models.TextField(blank=False, null=True) [static]

#### 6.3.2.6 job\_distance

feed.models.Job\_details.job\_distance = models.IntegerField(null=True) [static]

#### 6.3.2.7 job\_email

feed.models.Job\_details.job\_email = models.EmailField(null=True) [static]

#### 6.3.2.8 job\_id

feed.models.Job\_details.job\_id = models.AutoField(primary\_key=True) [static]

### 6.3.2.9 job\_latitude

feed.models.Job\_details.job\_latitude = models.FloatField(null=True) [static]

#### 6.3.2.10 job\_longitude

feed.models.Job\_details.job\_longitude = models.FloatField(null=True) [static]

#### 6.3.2.11 job\_price

feed.models.Job\_details.job\_price = models.IntegerField(null=True) [static]

#### 6.3.2.12 job skill

feed.models.Job\_details.job\_skill = models.TextField(blank=False, null=True) [static]

#### 6.3.2.13 job\_time

feed.models.Job\_details.job\_time = models.TimeField(auto\_now=False) [static]

#### 6.3.2.14 phone\_no

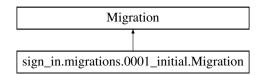
feed.models.Job\_details.phone\_no = models.TextField(max\_length=10,null=True) [static]

The documentation for this class was generated from the following file:

• D:/Study\_only/IITB/NVJF/feed/models.py

## 6.4 sign in.migrations.0001 initial.Migration Class Reference

Inheritance diagram for sign\_in.migrations.0001\_initial.Migration:



#### **Static Public Attributes**

- bool initial = True
- · list dependencies
- · list operations

#### 6.4.1 Member Data Documentation

#### 6.4.1.1 dependencies

```
list sign_in.migrations.0001_initial.Migration.dependencies [static]
```

#### Initial value:

```
= [
]
```

#### 6.4.1.2 initial

```
bool sign_in.migrations.0001_initial.Migration.initial = True [static]
```

#### 6.4.1.3 operations

```
list sign_in.migrations.0001_initial.Migration.operations [static]
```

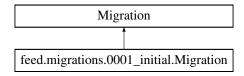
#### Initial value:

The documentation for this class was generated from the following file:

• D:/Study\_only/IITB/NVJF/sign\_in/migrations/0001\_initial.py

# 6.5 feed.migrations.0001\_initial.Migration Class Reference

Inheritance diagram for feed.migrations.0001\_initial.Migration:



#### **Static Public Attributes**

- bool initial = True
- · list dependencies
- list operations

#### 6.5.1 Member Data Documentation

#### 6.5.1.1 dependencies

```
list feed.migrations.0001_initial.Migration.dependencies [static]
```

#### Initial value:

#### 6.5.1.2 initial

```
bool feed.migrations.0001_initial.Migration.initial = True [static]
```

#### 6.5.1.3 operations

list feed.migrations.0001\_initial.Migration.operations [static]

#### Initial value:

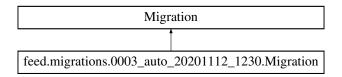
```
migrations.CreateModel(
       name='Job_details',
       fields=[
            ('job_id', models.AutoField(primary_key=True, serialize=False)),
('job_desc', models.TextField(null=True)),
('job_email', models.EmailField(max_length=254, null=True)),
            ('phone_no', models.TextField(max_length=10, null=True)),
             ('job_price', models.IntegerField(null=True)),
            ('job_time', models.TimeField(auto_now=True)),
('job_date', models.DateField(auto_now=True)),
            ('job_latitude', models.FloatField(null=True)),
            ('job_address', models.TextField(null=True)),
('job_longitude', models.FloatField(null=True)),
             ('job_skill', models.TextField(null=True)),
            ('job_distance', models.IntegerField(null=True)),
            \label{local_prob_completed', models.BooleanField(default=False)),} \\
       ],
 migrations.CreateModel(
      name='applied_jobs',
      fields=[
            ('{\tt id'}, \ {\tt models.AutoField} \ ({\tt auto\_created=True}, \ {\tt primary\_key=True}, \ {\tt serialize=False}, \\
verbose_name='ID')),
            ('is_job_approved', models.BooleanField(default=False)),
('job_id', models.ForeignKey(on_delete=django.db.models.deletion.CASCADE,
to='feed.job_details')),
             ('user_id', models.ForeignKey(on_delete=django.db.models.deletion.CASCADE,
to='myprofile.profile_details')),
 ),
```

The documentation for this class was generated from the following file:

D:/Study\_only/IITB/NVJF/feed/migrations/0001\_initial.py

# 6.6 feed.migrations.0003\_auto\_20201112\_1230.Migration Class Reference

Inheritance diagram for feed.migrations.0003\_auto\_20201112\_1230.Migration:



#### **Static Public Attributes**

- list dependencies
- · list operations

#### 6.6.1 Member Data Documentation

#### 6.6.1.1 dependencies

```
list feed.migrations.0003_auto_20201112_1230.Migration.dependencies [static]
```

#### Initial value:

```
('feed', '0002_job_details_image'),
```

#### 6.6.1.2 operations

```
list feed.migrations.0003_auto_20201112_1230.Migration.operations [static]
```

#### Initial value:

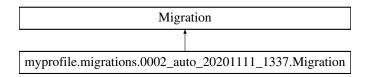
```
migrations.AlterField(
    model_name='job_details',
    name='image',
    field=models.TextField(null=True),
),
```

The documentation for this class was generated from the following file:

D:/Study\_only/IITB/NVJF/feed/migrations/0003\_auto\_20201112\_1230.py

# 6.7 myprofile.migrations.0002\_auto\_20201111\_1337.Migration Class Reference

Inheritance diagram for myprofile.migrations.0002\_auto\_20201111\_1337.Migration:



#### **Static Public Attributes**

- list dependencies
- · list operations

#### 6.7.1 Member Data Documentation

#### 6.7.1.1 dependencies

```
list myprofile.migrations.0002_auto_20201111_1337.Migration.dependencies [static]
```

#### Initial value:

```
= [ ('myprofile', '0001_initial'),
```

#### 6.7.1.2 operations

```
list myprofile.migrations.0002_auto_20201111_1337.Migration.operations [static]
```

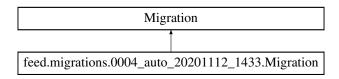
#### Initial value:

The documentation for this class was generated from the following file:

D:/Study\_only/IITB/NVJF/myprofile/migrations/0002\_auto\_20201111\_1337.py

# 6.8 feed.migrations.0004\_auto\_20201112\_1433.Migration Class Reference

Inheritance diagram for feed.migrations.0004\_auto\_20201112\_1433.Migration:



#### **Static Public Attributes**

- list dependencies
- · list operations

#### 6.8.1 Member Data Documentation

#### 6.8.1.1 dependencies

```
list feed.migrations.0004_auto_20201112_1433.Migration.dependencies [static]
```

#### Initial value:

```
= [
    ('feed', '0003_auto_20201112_1230'),
```

#### 6.8.1.2 operations

```
list feed.migrations.0004_auto_20201112_1433.Migration.operations [static]
```

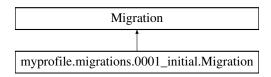
#### Initial value:

The documentation for this class was generated from the following file:

D:/Study\_only/IITB/NVJF/feed/migrations/0004\_auto\_20201112\_1433.py

## 6.9 myprofile.migrations.0001\_initial.Migration Class Reference

Inheritance diagram for myprofile.migrations.0001\_initial.Migration:



#### **Static Public Attributes**

- bool initial = True
- · list dependencies
- · list operations

#### 6.9.1 Member Data Documentation

#### 6.9.1.1 dependencies

#### 6.9.1.2 initial

```
bool myprofile.migrations.0001_initial.Migration.initial = True [static]
```

list myprofile.migrations.0001\_initial.Migration.operations [static]

#### 6.9.1.3 operations

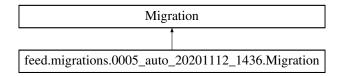
The documentation for this class was generated from the following file:

D:/Study\_only/IITB/NVJF/myprofile/migrations/0001\_initial.py

],

# 6.10 feed.migrations.0005\_auto\_20201112\_1436.Migration Class Reference

Inheritance diagram for feed.migrations.0005\_auto\_20201112\_1436.Migration:



#### **Static Public Attributes**

- list dependencies
- · list operations

#### 6.10.1 Member Data Documentation

#### 6.10.1.1 dependencies

```
list feed.migrations.0005_auto_20201112_1436.Migration.dependencies [static]
```

#### Initial value:

```
= [ ('feed', '0004_auto_20201112_1433'),
```

#### 6.10.1.2 operations

```
list feed.migrations.0005_auto_20201112_1436.Migration.operations [static]
```

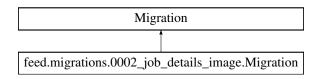
#### Initial value:

The documentation for this class was generated from the following file:

D:/Study\_only/IITB/NVJF/feed/migrations/0005\_auto\_20201112\_1436.py

# 6.11 feed.migrations.0002\_job\_details\_image.Migration Class Reference

Inheritance diagram for feed.migrations.0002\_job\_details\_image.Migration:



#### **Static Public Attributes**

- · list dependencies
- · list operations

#### 6.11.1 Member Data Documentation

#### 6.11.1.1 dependencies

```
list feed.migrations.0002_job_details_image.Migration.dependencies [static]
```

#### Initial value:

```
('feed', '0001_initial'),
]
```

#### 6.11.1.2 operations

```
list feed.migrations.0002_job_details_image.Migration.operations [static]
```

#### Initial value:

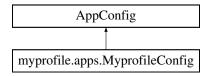
```
migrations.AddField(
    model_name='job_details',
    name='image',
    field=models.ImageField(null=True, upload_to='images/'),
    ),
]
```

The documentation for this class was generated from the following file:

D:/Study\_only/IITB/NVJF/feed/migrations/0002\_job\_details\_image.py

# 6.12 myprofile.apps.MyprofileConfig Class Reference

Inheritance diagram for myprofile.apps.MyprofileConfig:



#### **Static Public Attributes**

• string name = 'myprofile'

#### 6.12.1 Member Data Documentation

#### 6.12.1.1 name

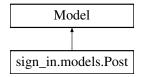
```
string myprofile.apps.MyprofileConfig.name = 'myprofile' [static]
```

The documentation for this class was generated from the following file:

• D:/Study\_only/IITB/NVJF/myprofile/apps.py

# 6.13 sign\_in.models.Post Class Reference

Inheritance diagram for sign\_in.models.Post:



#### **Static Public Attributes**

- title = models.CharField(max\_length=100)
- contest = models.TextField(blank=True, null=True)
- data = models.DateField(auto\_now=True)

#### 6.13.1 Member Data Documentation

#### 6.13.1.1 contest

```
sign_in.models.Post.contest = models.TextField(blank=True, null=True) [static]
```

#### 6.13.1.2 data

```
sign_in.models.Post.data = models.DateField(auto_now=True) [static]
```

#### 6.13.1.3 title

```
sign_in.models.Post.title = models.CharField(max_length=100) [static]
```

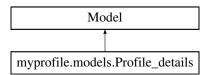
The documentation for this class was generated from the following file:

• D:/Study\_only/IITB/NVJF/sign\_in/models.py

## 6.14 myprofile.models.Profile\_details Class Reference

This class is used to create the Profile details table.

Inheritance diagram for myprofile.models.Profile\_details:



#### **Static Public Attributes**

- user\_id = models.TextField(primary\_key=True)
- name = models.TextField(blank=False, null=True)
- email = models.EmailField()
- image = models.ImageField(upload\_to='profile\_pics/')
- phone\_no = models.TextField(max\_length=10)
- aadhar\_no = models.TextField(max\_length=12)
- tuple choices
- profile\_type = models.CharField(max\_length=1, choices=choices)
- skills = models.TextField(blank=False, null=True)

#### 6.14.1 Detailed Description

This class is used to create the Profile\_details table.

#### 6.14.2 Member Data Documentation

#### 6.14.2.1 aadhar no

```
myprofile.models.Profile_details.aadhar_no = models.TextField(max_length=12) [static]
```

#### 6.14.2.2 choices

```
tuple myprofile.models.Profile_details.choices [static]
```

#### Initial value:

```
('1', 'Job-seeker only'),
('2', 'Job-provider only'),
('3','both')
```

#### 6.14.2.3 email

```
myprofile.models.Profile_details.email = models.EmailField() [static]
```

#### 6.14.2.4 image

```
myprofile.models.Profile_details.image = models.ImageField(upload_to='profile_pics/') [static]
```

#### 6.14.2.5 name

```
myprofile.models.Profile_details.name = models.TextField(blank=False, null=True) [static]
```

#### 6.14.2.6 phone\_no

```
myprofile.models.Profile_details.phone_no = models.TextField(max_length=10) [static]
```

#### 6.14.2.7 profile\_type

myprofile.models.Profile\_details.profile\_type = models.CharField(max\_length=1, choices=choices)
[static]

#### 6.14.2.8 skills

myprofile.models.Profile\_details.skills = models.TextField(blank=False, null=True) [static]

#### 6.14.2.9 user id

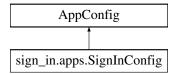
myprofile.models.Profile\_details.user\_id = models.TextField(primary\_key=True) [static]

The documentation for this class was generated from the following file:

• D:/Study\_only/IITB/NVJF/myprofile/models.py

# 6.15 sign\_in.apps.SignInConfig Class Reference

Inheritance diagram for sign\_in.apps.SignInConfig:



#### **Static Public Attributes**

• string name = 'sign\_in'

#### 6.15.1 Member Data Documentation

#### 6.15.1.1 name

string sign\_in.apps.SignInConfig.name = 'sign\_in' [static]

The documentation for this class was generated from the following file:

• D:/Study\_only/IITB/NVJF/sign\_in/apps.py

# **Chapter 7**

# **File Documentation**

| 7.1 D:  | :/Study_only/IITB/NVJF/feed/initpy File Reference            |
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| • feed  |  |
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| 7.2 D:  | :/Study_only/IITB/NVJF/feed/migrations/initpy File Reference |
| Namespa | aces   |
| • feed. | migrations   |
|         |  |
| 7.3 D:  | :/Study_only/IITB/NVJF/myprofile/initpy File Reference       |
| Namespa | aces   |

myprofile

7.4 D:/Study\_only/IITB/NVJF/myprofile/migrations/\_\_init\_\_.py File Reference

#### **Namespaces**

• myprofile.migrations

7.5 D:/Study\_only/IITB/NVJF/NVJF/\_\_init\_\_.py File Reference

## **Namespaces**

• NVJF

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7.6 D:/Study only/IITB/NVJF/sign in/ init .py File Reference

#### **Namespaces**

- sign\_in
- 7.7 D:/Study\_only/IITB/NVJF/sign\_in/migrations/\_\_init\_\_.py File Reference

#### **Namespaces**

- sign\_in.migrations
- 7.8 D:/Study\_only/IITB/NVJF/feed/admin.py File Reference

#### **Namespaces**

- · feed.admin
- 7.9 D:/Study\_only/IITB/NVJF/myprofile/admin.py File Reference

### **Namespaces**

- · myprofile.admin
- 7.10 D:/Study only/IITB/NVJF/sign in/admin.py File Reference

#### **Namespaces**

- sign\_in.admin
- 7.11 D:/Study\_only/IITB/NVJF/feed/apps.py File Reference

#### **Classes**

· class feed.apps.FeedConfig

#### **Namespaces**

feed.apps

## 7.12 D:/Study only/IITB/NVJF/myprofile/apps.py File Reference

#### **Classes**

· class myprofile.apps.MyprofileConfig

#### **Namespaces**

· myprofile.apps

### 7.13 D:/Study\_only/IITB/NVJF/sign\_in/apps.py File Reference

#### **Classes**

• class sign\_in.apps.SignInConfig

#### **Namespaces**

· sign\_in.apps

# 7.14 D:/Study\_only/IITB/NVJF/feed/migrations/0001\_initial.py File Reference

#### **Classes**

• class feed.migrations.0001\_initial.Migration

#### **Namespaces**

• feed.migrations.0001\_initial

# 7.15 D:/Study\_only/IITB/NVJF/myprofile/migrations/0001\_initial.py File Reference

#### Classes

· class myprofile.migrations.0001\_initial.Migration

#### **Namespaces**

• myprofile.migrations.0001\_initial

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# 7.16 D:/Study\_only/IITB/NVJF/sign\_in/migrations/0001\_initial.py File Reference

#### **Classes**

• class sign\_in.migrations.0001\_initial.Migration

#### **Namespaces**

• sign in.migrations.0001 initial

# 7.17 D:/Study\_only/IITB/NVJF/feed/migrations/0002\_job\_details\_ image.py File Reference

#### **Classes**

• class feed.migrations.0002\_job\_details\_image.Migration

#### **Namespaces**

• feed.migrations.0002\_job\_details\_image

# 7.18 D:/Study\_only/IITB/NVJF/feed/migrations/0003\_auto\_20201112\_ 1230.py File Reference

#### **Classes**

• class feed.migrations.0003\_auto\_20201112\_1230.Migration

#### **Namespaces**

• feed.migrations.0003\_auto\_20201112\_1230

# 7.19 D:/Study\_only/IITB/NVJF/feed/migrations/0004\_auto\_20201112\_ 1433.py File Reference

#### **Classes**

• class feed.migrations.0004\_auto\_20201112\_1433.Migration

#### **Namespaces**

• feed.migrations.0004\_auto\_20201112\_1433

# 7.20 D:/Study\_only/IITB/NVJF/feed/migrations/0005\_auto\_20201112\_ 1436.py File Reference

#### **Classes**

· class feed.migrations.0005\_auto\_20201112\_1436.Migration

#### **Namespaces**

• feed.migrations.0005\_auto\_20201112\_1436

# 7.21 D:/Study\_only/IITB/NVJF/feed/models.py File Reference

#### **Classes**

• class feed.models.Job\_details

This class is used to create the Job\_details table.

• class feed.models.applied\_jobs

This class is used to create the applied\_jobs table.

#### **Namespaces**

· feed.models

# 7.22 D:/Study\_only/IITB/NVJF/myprofile/models.py File Reference

### **Classes**

• class myprofile.models.Profile\_details

This class is used to create the Profile\_details table.

#### **Namespaces**

myprofile.models

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# 7.23 D:/Study\_only/IITB/NVJF/sign\_in/models.py File Reference

|   | 1 | _ | _ | _ | _ |
|---|---|---|---|---|---|
| C | ď | 5 | 5 | e | 5 |

· class sign\_in.models.Post

#### **Namespaces**

• sign\_in.models

# 7.24 D:/Study\_only/IITB/NVJF/feed/tests.py File Reference

#### **Namespaces**

· feed.tests

# 7.25 D:/Study\_only/IITB/NVJF/myprofile/tests.py File Reference

#### **Namespaces**

• myprofile.tests

# 7.26 D:/Study\_only/IITB/NVJF/sign\_in/tests.py File Reference

#### **Namespaces**

• sign\_in.tests

# 7.27 D:/Study\_only/IITB/NVJF/feed/views.py File Reference

File documentation.

#### **Namespaces**

• feed.views

#### **Functions**

def feed.views.feed (request)

This function is used genrating new Job feed for the user.

def feed.views.feed\_update (request)

This function is used updating and filtering new Job feed for the user.

def feed.views.post\_job (request)

This function is used displaying a page that job provider uses to add job.

· def feed.views.submit job (request)

This function is used store the job data in databse, recieved from the job provider.

def feed.views.job\_info (request)

This function is used to display the job posted by job provider.

· def feed.views.save\_applied (request)

This function is used to save status of job applier to the job he has applied.

def feed.views.applied\_job (request)

This function is used to show job seeker all the jobs he has applied to.

def feed.views.applied\_job\_update (request)

This function is used apply various filter to view the jobs posted.

def feed.views.delete\_applied\_job (request)

This function lets users to delete the job he has previously applied.

· def feed.views.posted job response (request)

This function lets job provider to see responses from job seekers.

def feed.views.posted\_job\_response\_update (request)

This function lets job provider to query his posted jobs and apply filters to them.

def feed.views.show\_job\_responses (request)

This function lets job provider to see detailed info of the job seekers who have applied for the job.

def feed.views.save\_job\_response (request)

This function helps job provider to select one or more job seeker for his posted job.

def feed.views.mark\_complete (request)

This function helps job provider to mark his posted job as complete.

• def feed.views.distance (lat1, lon1, lat2, lon2)

This function helps to calculate distance between job seeker and job location.

def feed.views.get sorted job details (details, lat, lon)

This function helps to sort job details table on basis distance between job seeker and job location.

• def feed.views.current\_location (request)

This function helps to fetch current location of job seeker.

#### 7.27.1 Detailed Description

File documentation.

# 7.28 D:/Study\_only/IITB/NVJF/myprofile/views.py File Reference

File documentation.

#### **Namespaces**

· myprofile.views

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#### **Functions**

- · def myprofile.views.profile (request)
- def myprofile.views.save\_profile (request)

This function is used to store information of user in database.

def myprofile.views.fetch\_profile (request)

This function is used to fetch user information from database.

#### 7.28.1 Detailed Description

File documentation.

# 7.29 D:/Study\_only/IITB/NVJF/sign\_in/views.py File Reference

File documentation.

#### **Namespaces**

· sign\_in.views

#### **Functions**

• def sign\_in.views.index (request)

This function directs user to log-in ,if user isn't logged in.Otherwise directs user to main page.

def sign\_in.views.new\_view (request)

This function dircts user to create a profile ,if user doesn't exist in our database.

#### 7.29.1 Detailed Description

File documentation.

# 7.30 D:/Study\_only/IITB/NVJF/manage.py File Reference

#### **Namespaces**

manage

#### **Functions**

• def manage.main ()

Run administrative tasks.

# 7.31 D:/Study\_only/IITB/NVJF/myprofile/migrations/0002\_auto\_← 20201111\_1337.py File Reference

#### **Classes**

· class myprofile.migrations.0002 auto 20201111 1337.Migration

#### **Namespaces**

myprofile.migrations.0002 auto 20201111 1337

## 7.32 D:/Study only/IITB/NVJF/NVJF/asgi.py File Reference

#### **Namespaces**

NVJF.asgi

#### **Variables**

NVJF.asgi.application = get\_asgi\_application()

# 7.33 D:/Study\_only/IITB/NVJF/NVJF/settings.py File Reference

#### **Namespaces**

NVJF.settings

#### **Variables**

- NVJF.settings.BASE DIR = Path( file ).resolve().parent.parent
- string NVJF.settings.SECRET KEY = 'r3i%b!(n16h4ll00!c1w\*!6ba&@g@ct\$v(tta\$(5!=h=!y4b i'
- bool NVJF.settings.DEBUG = True
- list NVJF.settings.ALLOWED\_HOSTS = []
- list NVJF.settings.INSTALLED\_APPS
- list NVJF.settings.MIDDLEWARE
- string NVJF.settings.ROOT\_URLCONF = 'NVJF.urls'
- list NVJF.settings.TEMPLATES
- string NVJF.settings.WSGI\_APPLICATION = 'NVJF.wsgi.application'
- dictionary NVJF.settings.DATABASES
- list NVJF.settings.AUTH\_PASSWORD\_VALIDATORS
- string NVJF.settings.LANGUAGE\_CODE = 'en-us'
- string NVJF.settings.TIME\_ZONE = 'UTC'
- bool NVJF.settings.USE I18N = True
- bool NVJF.settings.USE\_L10N = True
- bool NVJF.settings.USE\_TZ = True

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- string NVJF.settings.STATIC\_URL = '/static/'
- list NVJF.settings.STATICFILES\_DIRS = [os.path.join(BASE\_DIR,"images"),]
- string NVJF.settings.MEDIA URL = '/media/'
- NVJF.settings.MEDIA\_ROOT = os.path.join(BASE\_DIR,"images")
- tuple NVJF.settings.AUTHENTICATION\_BACKENDS
- string NVJF.settings.SOCIAL\_AUTH\_GOOGLE\_OAUTH2\_KEY = '235752046632-0k1jriid4e1v6q2esp6feia580oiab1p.

   apps.googleusercontent.com'
- string NVJF.settings.SOCIAL\_AUTH\_GOOGLE\_OAUTH2\_SECRET = 'sqQ8K0X-KK-s7lzCb-Lz-IM9'
- string NVJF.settings.LOGIN\_URL = '/auth/login/google-oauth2/'
- string NVJF.settings.LOGIN REDIRECT URL = '/sign in/redirect'
- string NVJF.settings.LOGOUT\_REDIRECT\_URL = '/'
- string NVJF.settings.SOCIAL AUTH URL NAMESPACE = 'social'

## 7.34 D:/Study\_only/IITB/NVJF/NVJF/urls.py File Reference

#### **Namespaces**

NVJF.urls

#### **Variables**

· list NVJF.urls.urlpatterns

# 7.35 D:/Study only/IITB/NVJF/NVJF/wsgi.py File Reference

#### **Namespaces**

NVJF.wsgi

#### **Variables**

NVJF.wsgi.application = get wsgi application()

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