

JobSeek Web Application

models.py

The models.py file. This file contains all the parameters every object will have in our Django app relevant to the recruiting side. This tells the database what features would be there in each model class relevant to recruiters.

It has three classes,

I. Job - This class contains all the information relevant to the job post. It has a recruiter variable which links it to the Recruiter posting this job post. It also has all details about the job.

II. Applicants - This class stores all the data related to the candidates who have applied to a particular job post. It has a job variable linking it to the relevant job, an applicant variable which links it to the candidate who applied and a date when the candidate applied.

III. Selected - This is the class which stores all the data related to the candidates who have been selected for a particular job post. It has a job variable linking it to the relevant job, an applicant variable which links it to the candidate who was selected and a date when the candidate was selected.

forms.py

The forms part will consist of two forms which we will be using for the candidates part of the website — **NewJobForm** and **JobUpdateForm**.

NewJobForm:

It has the following fields,

- title
- company
- location
- description
- skills required
- job type
- link

help_text

- skills_req : ‘enter all the skills required with each separated by comma’
- link : ‘if you want candidate on your website rather than our website, please provide link where candidate can apply. Otherwise please leave it blank or candidates would not be able to apply directly’.

JobUpdateForm:

It has the following fields,

- title
- company
- location
- description
- skills required
- job type
- link

help_text

- skills_req : ‘enter all the skills required with each separated by comma’
- link : ‘if you want candidate on your website rather than our website, please provide link where candidate can apply. Otherwise please leave it blank or candidates would not be able to apply directly’.

I will also try to include the specialization category which includes following main and sub fields,

Accounting/Finance:

- Audit & Taxation
- General/Cost Accounting
- Corporate Finance/Investment
- Banking/Financial

Admin/Human Resource

- Clerical/Administrative Support
- Human Resource
- Secrerterial/Executive Personal Assistant
- Top Management

Sale/Marketing

- Marketing/Business Dev
- Sales – Corporate
- Sales – Engg/IT/Tech

- Sales – Financial Services
- Retail Sales
- Merchandising
- Telesales/Telemarketing
- E – commerce
- Digital Marketing

Arts/Media/Communications

- Advertising
- Art/Creative Design
- Entertainment
- Public Relations

Services

- Personal Care
- Armed Forces
- Social Services
- Customer Services
- Lawyer/Legal Asst
- Logistics/Supply Chain
- Tech/Helpdesk Support

Hotel/Restaurant

- Food/Beverages/Restaurant
- Hotel/Tourism

Education/Training

- Education
- Training & Dev.

Computer/Information Technology

- IT – Software
- IT – Hardware
- IT – Network/DB/Sys Admin

Engineering

- Chemical Engineering
- Electrical
- Electronics
- Other Engineering
- Environmental
- Oil/Gas
- Mechanical
- Industrial Engineering

Manufacturing

- Maintenance
- Purchasing/Material Management
- Manufacturing
- Process Control
- Quality Assurance

Building/Construction

- Property/Real Estate
- Architect/Interior Design
- Civil/Construction
- Quantity Surveying

Sciences

- Agriculture
- Actuarial/Statistics
- Food Tech/Nutritionist
- Geology/Geophysics
- Aviation
- Biotechnology
- Chemistry
- Science & Technology
- Biomedical

Healthcare

- Practitioner/Medical Asst
- Pharmacy
- Diagnosis/Others

Others

- Journalist/Editors
- General Work
- Others
- Publishing