

M21CS6.302: SOFTWARE SYSTEM DEVELOPEMENT

Project Final Report

RESUME SELECTOR

Team Names:- NOOBS

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**RESUME SELECTOR**

**Project Information:-**

Resume Selector is a basic need of any recruitment agency/company/colleges as to ﬁlter out candidates based on required skills/roles. So this is what we have tried to implement in our project to ﬁlter out resumes based on roles which we need and to display them in order of most ﬁt resume at top to least ﬁt at bottom.

To achieve this we have given 2 user roles:

1. Job Seeker
2. Recruiter

Job Seeker will have the option to upload resumes. Recruiter will have the option to ﬁlter out resumes on the basis of roles as shown in the dropdown menu.

**Requirements:-** All the requirements are as follows:

|  |  |
| --- | --- |
| Login Portal | On ﬁrst visit, the user/recruiter needs to sign up and further access would require them to login for interaction with the portal. |
| User Interaction Portal | Job Seeker Portal-This speciﬁc portal will consist of an upload button to upload a resume.  Recruiter Portal- This portal will constitute a drop down for recruiters to select the role on whose basis resumes will be sorted and it will have a download section to help the selector download/view them. |
| Parsing Resume Data | This phase will require us to parse the data from resumes in speciﬁc format so they can be stored in the Database  appropriately. |
| Database Storage | This would act as inventory for our project where all the user credentials and the uploaded resumes will be stored for further processing and usage and storage will be dynamic in nature. |
| Filtering Mechanism | This requires using the mentioned technologies in an  eﬃcient way to extract out the relevant resumes for the recruiters. |

**Workﬂow:-**

The ﬁrst thing will be that the user(job seeker/recruiter) needs to register with our site and then login with his/her credentials.

First page will have two options:

1. Login (for the users who are already registered)
2. SignUp(for user who don't have an account and want to create one)

After login validation:

-> If the user is a Job Seeker, he/she will be redirected to the upload resume section. When a user uploads a resume we will print if the resume is successfully uploaded or not and this will be saved in our database. At the time of upload only we are calculating the scores corresponding to each role for that resume and storing that on our database. After this user will be logged out to the home page.

-> If a user logged in as a Recruiter, there will be a dropdown of various roles and once the recruiter selects a role and clicks on show, name of candidates, score and resume download link will be displayed on the basis of higher score at top to lower score at bottom. Recruiter can then click on the Download link to view/download speciﬁc resumes.

**Software/Technology Used:-**

1. Mysql as a database,
2. Flask for Backend,
3. HTML,CSS, JS, Bootstrap.

**Video Link:-**

**GitHub link:-**

[h ttps://github.com/team-6-noobs/Resume\_Selector](https://github.com/tej2021202021/Resume_Selector)

**Individual contribution details:-**

Frontend(user Interface) + Backend(Development) by Tej Prakash and Utkasrh

Parsing Resume Data and Database Management by Anchal and Aditya