



**INTERNATIONAL INSTITUTE OF
INFORMATION TECHNOLOGY**

H Y D E R A B A D

**M21CS6.302: SOFTWARE SYSTEM DEVELOPMENT
Project Final Report**

RESUME SELECTOR

Team Names:- NOOBS

Team Members:-

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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:

- a) Job Seeker
- b) 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:

- a) Login (for the users who are already registered)
- b) Sign Up(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.

Logout Button is added to upload section as well as resume parsing, which will be used to redirect user to homepage.

Popups have been added to the pages to show the login validation and to print corresponding messages on the screen.

Software/Technology Used:-

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

Video Link:-

<https://youtu.be/fdaE0LKe690>

GitHub link:-

https://github.com/team-6-noobs/Resume_Selector

Individual contribution details:-

Frontend(user Interface) + Backend(Development) by Tej Prakash and Utkarsh
Parsing Resume Data and Database Management by Anchal and Aditya

In this we have selected Data Analytics and it's showing the output of People according to their score in descending order.

Select Area

Logout

Data Analytics

Submit

Resume Information

Name	Score	Resume_pdf
Ashish	8	Download
Ayush	6	Download
Shweta	2	Download
Saurabh	0	Download

In this we have selected Software development and it's showing the output of People according to their score in descending order.

Select Area

Logout

Software Development

Submit

Resume Information

Name	Score	Resume_pdf
Ayush	13	Download
Ashish	12	Download
Shweta	1	Download
Saurabh	0	Download

Thank You