

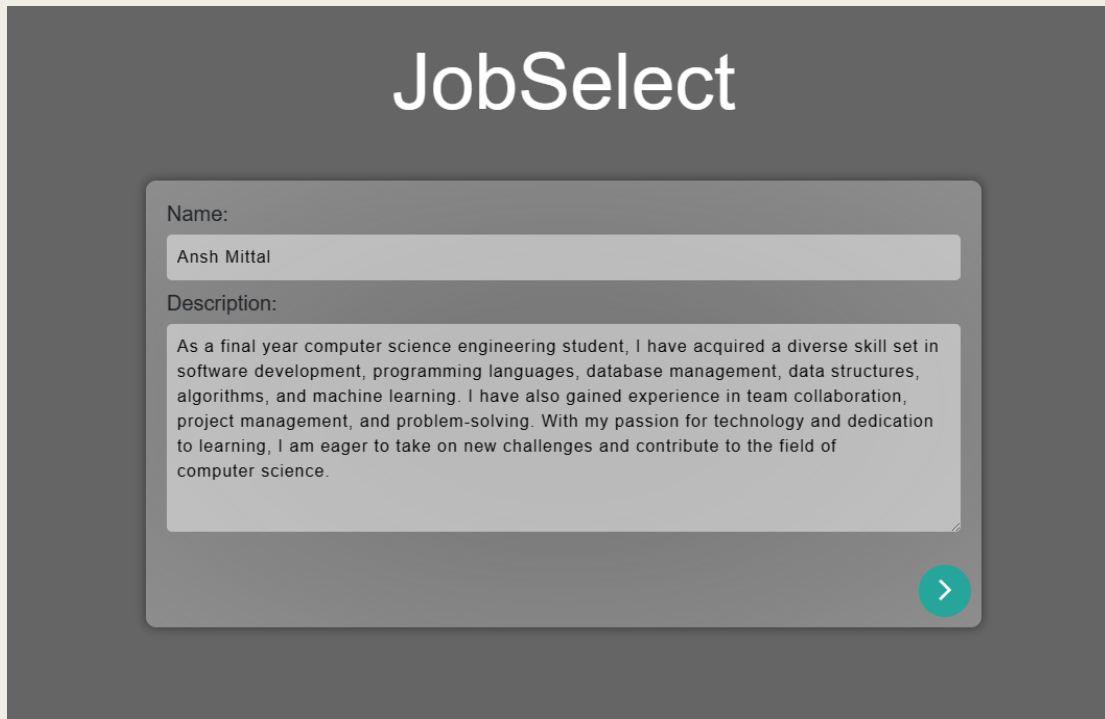
README

JobSelect: A Custom Job Recommendation System

1. Run “main.py” and go to this localhost link provided on the console. In this case it's: <http://127.0.0.1:5000>

```
* Serving Flask app 'main'
* Debug mode: on
WARNING: This is a development server.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 119-867-299
█
```

2. Provide name and brief description of yourself



The screenshot shows the JobSelect web application interface. At the top, the title "JobSelect" is displayed in a large, white, sans-serif font against a dark gray background. Below the title, there is a light gray rectangular form. Inside the form, the label "Name:" is followed by a text input field containing the name "Ansh Mittal". Below this, the label "Description:" is followed by a larger text area containing a paragraph of text: "As a final year computer science engineering student, I have acquired a diverse skill set in software development, programming languages, database management, data structures, algorithms, and machine learning. I have also gained experience in team collaboration, project management, and problem-solving. With my passion for technology and dedication to learning, I am eager to take on new challenges and contribute to the field of computer science." In the bottom right corner of the form, there is a green circular button with a white right-pointing arrow.

3. Enter details regarding your prior experiences

JobSelect

Experience

Complex Systems Laboratory

Position:

Research Intern

Duration:

Month: 4 ▼ Year: 0 ▼

Company:

Reliance Jio

Add Experience

>

4. Enter your education related details

JobSelect

Education

Institute:

IIIT Delhi

Degree:

Btech Computer Science

Description:

Did bachelor's in computer science with social science as minor. Besides this, I also did majors in economics

Add Education

>

5. Enter your skills

JobSelect

Skills

+

c++ ✕javascript ✕account management ✕java ✕apache hadoop ✕

>

6. Enter the courses you have done

JobSelect

Courses

+

linear algebra ✕machine learning ✕accountancy ✕human computer interaction ✕calculus ✕operating systems ✕

Submit

7. On clicking the submit button we get the results



Files in Final_Project_Deliverables folder:

- main.py - Main python script to run the website
- form_data_transformation.py - Python script that take the input from the user and convert it into the format that be used to make the predictions
- output_prediction.py - Python script that outputs predictions using model.pickle file
- Final_Project_Review_Evaluation.ipynb - Notebook containing all NLP Embeddings, and ML Classifiers.
- model.pickle - pickle file for model used for classification
- count_vec.pickle - pickle file for count vectoriser
- label_encode.pickle - pickle file for label encoder
- templates folder - Include index.html file for web interface

- static folder - Include css and javascript file for web interface
- colab_output_print.pdf - File containing outputs of the notebook
- LinkedIn_Job_Posting_Data (Training).csv - Training Dataset containing Job postings scraped from the LinkedIn.
- LinkedIn_Resume_Data (Testing).csv - Testing Dataset containing Resumes extracted from the LinkedIn profiles.