Setup Instructions for Job Matching and Interview Analysis System

1. System Requirements

- **Operating System**: Windows, macOS, or Linux

- **Python Version**: 3.8 or later

- **RAM**: Minimum 8 GB (16 GB recommended for NLP tasks)

- **Disk Space**: Minimum 500 MB free space

- **Other Requirements**: ffmpeg installed for audio processing

2. Prerequisites

1. **Install Python**:

   - Download and install Python from python.org. Ensure pip is included in the installation.

2. **Install ffmpeg**:

   - Follow the instructions for your operating system from FFmpeg Downloads.

   - Verify installation by running ffmpeg -version in the terminal.

3. Setting Up the Project

Step 1: Clone or Download the Repository

- Clone the repository using Git:

git clone git@github.com:yashmistry-24/Job-Matching-and-Candidate-Analysis-System.git

OR

- Download the ZIP file and extract it to your desired directory.

Step 2: Create a Virtual Environment

- Navigate to the project directory:

cd Job-Matching-and-Candidate-Analysis-System

- Create a virtual environment:

python -m venv env

- Activate the virtual environment:

  - On Windows:

.\env\Scripts\activate

  - On macOS/Linux:

source env/bin/activate

Step 3: Install Dependencies

- Use the requirements.txt file to install all dependencies:

pip install -r requirements.txt

4. Running the Application

Step 1: Start the Streamlit App

- Run the following command in the terminal:

streamlit run app.py

Step 2: Access the Application

- After running the command, the application will open in your default web browser at:

arduino

http://localhost:8501