

AI Resume Screening & Candidate Ranking System

Overview

This project is a Streamlit-based web application that allows users to upload resumes in PDF format and ranks them based on a given job description using AI-driven text similarity.

Features

- Upload multiple resumes in PDF format.
- Extracts text from the PDFs.
- Uses TF-IDF and Cosine Similarity to rank resumes against the job description.
- Displays ranked resumes with similarity scores.

Technologies Used

- Python
- Streamlit
- PyPDF2
- scikit-learn
- Pandas

Installation

1. Clone the repository:

```
``sh
git clone https://github.com/your-username/your-repo.git
``
```

2. Navigate to the project directory:

```
```sh
cd your-repo
```
```

3. Install dependencies:

```
```sh
pip install -r requirements.txt
```
```

Usage

1. Run the Streamlit application:

```
```sh
streamlit run app.py
```
```

2. Enter the job description.

3. Upload resumes in PDF format.

4. View ranked resumes based on similarity scores.

License

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Author

Your Name - [Your GitHub Profile](https://github.com/your-username)