Proposed Project Title

ResumeWise NLP powered Resume Parser

Summary of the proposed project idea (50 words max)

ResumeWise is a proposed web application that uses natural language processing (NLP) to extract important data from resumes and score them to suggest the best job fit. The app aims to help HR team's process recruitment more efficiently and quickly by automating the resume processing step, which takes up the most time during the recruiting process.

Motivation behind the proposed project idea (max 50 words)

The motivation behind the proposed project idea is to help HR teams process recruitment more efficiently and quickly by automating the resume processing step, which takes up the most time during the recruiting process. In today's job market, companies receive a large number of resumes for each job posting, making it challenging to identify the most suitable candidates quickly. The app aims to extract important data from resumes and score them to suggest the best candidate to shortlist.

Dataset Name

I will gather dataset from online platforms, LinkedIn, and DSAI trainess CVs

Dataset Link

https://github.com/FaizaAli-DS/ResumeWise_Capstone_Project-NLP-ML/tree/all-about-AI-and-Data-Science/Dataset_DScientist_Sample_CVs

Perceived Outcomes of your project

The proposed project idea of ResumeWise, an NLP-powered resume parser, is expected to have several positive outcomes, including:

Improved efficiency and enhanced candidate experience,

Resume parsing tools convert unstructured resumes into a uniform and organized database, making it easier to search and sort candidates' information,

Automated resume parsing can handle unlimited resumes, making it ideal for large recruitment processes, and can reduce the time required to review resumes, ultimately reducing the cost of the recruitment process,

Incorporation of deep learning algorithms for improved data extraction and smart identification of resume information for better search results,

Resume quality scoring,

So the primary objective of resume parsing software is to enhance and simplify the recruitment workflow. It efficiently manages the tasks of collecting, analyzing, and categorizing resumes, ensuring that the hiring process is not only efficient but also effective.

Overall, the proposed project idea of ResumeWise is expected to revolutionize the recruitment process by leveraging NLP to analyze resumes and convert them into structured information, making it easier for HR teams to identify the most suitable candidates quickly and efficiently

Team Members

We encourage to have a 1-2 member team.

1 (solo)

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