CV scanner software

Screening CVs is a tedious job that employers have to spend lot of hours going through hundreds of CVs. Nowadays companies use ATS (applicant tracking systems) to filter out weak CVs even before human set eyes on them. ATS are usually looking for keywords, how many times key words has been repeated on the CV to match with suitable vacancies.

The solution that has been proposed will utilize a similar method to scan CVs and classify CVs. The difference is, this software uses a ML algorithm to classify rather than following a tradition rule\ condition based software.

When a CV is uploaded, CV is scanned to find key words based on which CV is classified using ML algorithm.

There are three classifications;

Based on Skills;

1. Programming

2. Database

3. UI

4. Networking

Based on Tools;

C++

C#

Python

Cisco

TSQL

Java

Windows

SQL Server

Based on Roles;

Developer

UI developer

Database developer

Database designer

UI Designer

System Admin

Architect

Proposed Solution;

1. There are two sides. One is for candidates the other is for employers.
2. First software, asks candidate to enter the vacancy information he or she is applying for.
3. Candidates enters personal details, skills and experience then submit.
4. Software looks for specific key words and count how many times a key word has been repeated.
5. Steps 3 and 4 are repeated for Roles.
6. Software ranks skills and roles based on the count and number of years used.
7. Based on counts, ranking can be done for the entire career, last 2 years, 3 years, 5 years, 8 years and 10 years.
8. At the end software will give a matching percentage with the vacancy information entered in step 2.
9. This allows candidates to make well matched CVs with vacancy information.
10. From the employer side, similar information is displayed about an individual candidate.
11. Software will rank all candidate information received for a job vacancy
12. In addition to summary, employer is given key word search facility.
13. Matching with skillset and roles are done using ML algorithm.