

Resume Filter For Your Career

Mr.M.Santhosh¹,Mr.S.Dinesh Kumar², Ms.G.Sangeerthana³,Ms.K.Sangeetha⁴, Mrs.V.Hemalatha⁵

^{1,2,3,4}Dept of Computer Science and Engineering

⁵HOD, Dept of Computer Science and Engineering

^{1,2,3,4,5} N.S.N. College of Engineering and Technology, Karur, Tamil Nadu, India.

Abstract- Talent acquisition is an important requirement for the functioning of any concern and is primarily utilized by the human resources management team. This system screens and ranks the quality of the candidate's resumé to find an appropriate candidate for any position. N-number of resumes are applied for any job and finding a particular job is very easy on our website. The system provides a notification alert for any specific post vacancy to intimate immediately. It has two modules as implemented at candidate and HR module, analyzing all types of resumes for ranking the specific skills. Most importantly, the process takes very little time to identify the right candidate for a human resources department.

Keywords- ATS System, E-recruitment, Job Portal, Ranking Candidates, Resume Filter and matching.

I. INTRODUCTION

Technology today has made it possible to send a lot of resume within the tap of a button. Hundreds of resume are being received for a particular job posting. This makes the job of an HR department especially difficult as it is impossible to peruse through each of the resumes and shortlisted the candidates. Moreover, each resume has a different format. There is a need to extract the relevant information from the resume and store it in the database, so that sifting through the data becomes easier. In order to make the job of a recruiter easier, an automated system was proposed that does most of the preliminary filtering and presents the data in a standard format.

II. LITERATURE REVIEW

SujitAmin, Nikita Jayakar, Sonia Sunny, PhebaBabu, M.Kiruthika (2019) :- This document focuses on the design of the web application that will be used to filter resumes (resumes) from a given job offer. Within the proposed system, a web-based application will encourage candidates and recruiters to use it for job applications and resume screening. Recruitment is a tedious process wherein the first task for any recruiter is to screen the resumes. The proposed web application is designed in such a way that job applicant as well as recruiters can use it with ease in applying for job openings and screening respectively. Recruiters from various companies

may publish details of job vacancies available in their respective companies. The interactive web application will allow candidates to submit their resumes and apply for job opportunities that may still be of interest. The resumes submitted by applicants are then compared with the requirements of the job profile displayed by the company's recruiter using techniques such as machine learning and natural language processing (NLP). Scores can then be assigned to resumes and can be sorted from the highest to the lowest correspondence. This ranking is only visible by the company's recruiter who is interested in selecting the best candidates among a large pool of candidates.

ChiragDaryania, Gurneet Singh Chhabrab, Harsh Patelc (2020):- A typical job posting on the Internet receives a large volume of applications within a short period of time. Manually filtering resumes is virtually impossible because it takes a lot of time and incurs enormous. Any costs that hiring companies cannot afford. Moreover, this process of selecting resumes is not fair as many appropriate profiles do not receive enough consideration that they deserve. This may result in not finding the right candidates or choosing the wrong candidates for the job. In this document, we outline a solution to solve these problems by automatically suggesting the most appropriate candidates based on the given job description. Our system uses natural language processing to extract relevant information such as skills, education, experience, etc. from unstructured resumes, resulting in a summary form for each application. With all irrelevant information taken away, the selection task is simplified and recruiters can better analyze each resume in less time. Once this text extraction process has been completed, the proposed solution uses a vectorization template and uses cosine similarity to match each CV to the work description. The resulting ranking scores can then be used to determine which candidates are best suited for this position.

III. EXISTING SYSTEM

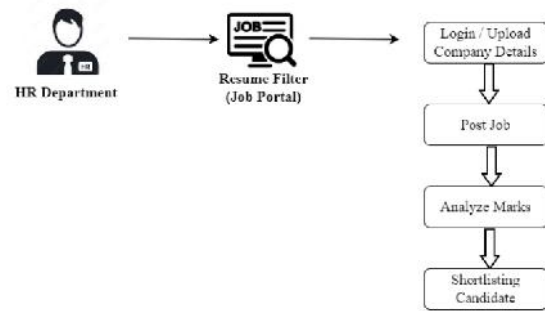
In current system job portal is only intimation for available job and area of location, it qualify time taken as longer as HR department and candidate side.

IV. METHODOLOGY

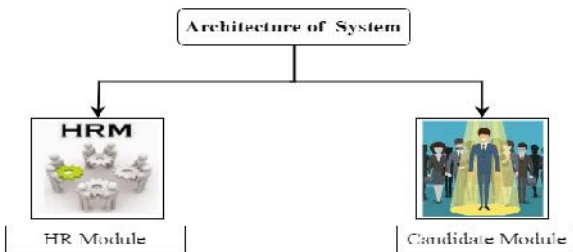
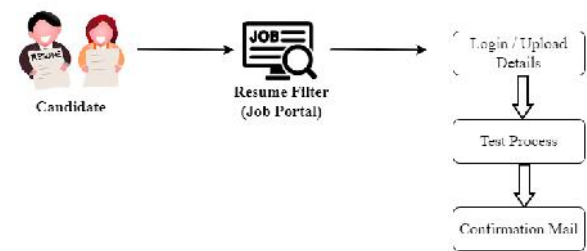
The system will enable a more effective way to shortlist submitted candidates CVs from a large number of applicants providing a consistent and fair CV ranking policy. This can legally justify. System will rank the experience and key skills which are required for particular job profile. This system will help the HR department to easily shortlist the candidate based on the CV ranking policy.

Automated Resume Extraction and Candidates Selection system is a product which can be best suited for any organization’s recruitments process. Users can register or login into our websites. Through our websites users add their different job website account, which is integrated by our system into single account, which can be managed easily. The system will be robust enough which will automatically extract the resume content and store it in a structure form within the database. The employer can also specify his criteria and also decide the importance level.

Employers can view the profile of particular user if they want. It selects the users & sends the confirmation mail for selection process in which online test schedule is given. As per online Test performance, users can be selected for personal interview.



2) **Module-Candidate** :The Candidate will be able to perform functions such as registering with the application and creating an account by providing the details of First Name, Last Name, E-mail, Password, Mobile Number, Primary Skill and Experience that are stored in the Portfolio of MySQL database. Once the account is activated, jobseekers can search, view and apply for active job openings. All the applied jobs details are stored in the applied jobs table of MYSQL database. The applicants can also write/update reviews for the companies.



1) **Module-HR** :Human Resource Planning as the process of people forecasting. It also involves the processes of Evaluation, Promotion and Layoff.

- **Recruitment:** It aims at attracting applicants that match a certain Job criteria.
- **Selection:** The next level of filtration. Aims at short listing candidates who are the nearest match in terms qualifications, expertise and potential for a certain job.
- **Hiring:** Deciding upon the final candidate who gets the job.
- **Training and Development:** Those processes that work on an employee onboard for his skills and abilities upgradation.

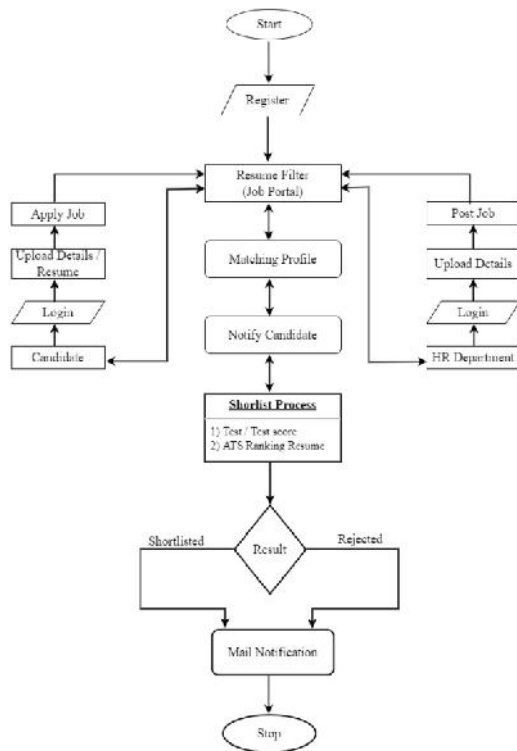
- **Registration and CV Creation-** To access the below given modules candidate must fill up registration form and create login credentials to gain access to the system. During the registration process the candidate needs to create and submit their CV by filling the CV form.
- **Test-** After successful login into the system, the candidate can proceed with the online test based on aptitude and personality.
- **Apply for job** – The candidate can view the job details and select the appropriate job wherein the candidate meets the parameters as specified by the admin /recruiter.

3) **Shortlisting Process:**Shortlisting is a critical stage in the recruitment process where employers identify candidates from the applicant pool who best meet the essential and desirable criteria for the job opening in questions, and invite them to the next stage of the recruitment process.

4) Selection Process: The various steps of selection process, including selection tests are meant to solicit information about the candidates so as to arrive at a decision to select the most desirable candidates out of the several available. Since only some information is available from other sources like application forms, references, etc. selection tests are used to solicit more information about the candidates.

V. STRUCTURE

The proposed recruitment system comprises of two major modules- the HR login and the Candidate login which in turn comprises of various other sub- modules. The admin and the user need to login with valid credentials in order access these sub-modules. The admin login would be used by the recruiting company and the user login would be used by the applicants applying for the jobs.



VI. FUTURE SCOPE

In our future work, to implement online video tutorials with certification. We design the training as well, as the pre-interview testing process. It also optimizes the website at a next-level system.

VII. CONCLUSION

With this approach, an organization-oriented recruitment system that would assist the human resource department in shortlisting the right candidate for a specific job profile. This system also predicts the personality of the candidates. The system would be used in many business sectors that will require expert candidates, thus reducing the workload of the human resource department.

VIII. ACKNOWLEDGEMENT

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