SKILL AND JOB RECOMMENDER

INTRODUCTION:-

In this current situation finding a suitable job for a person is very tough and also many of the people struggle to get a job for their qualification. This is mainly due to high population and less job all around the world. In recent days popularity of online recruiting platforms in modern industry many of the users choose these platforms as means to search their job.

In the last year, Job recommender systems have become popular since they successfully reduce information overload by generating personalized job suggestions. So the main objective of our project is to recommend jobs to the users and also to recommend the job which suits the qualifications of the users.

Literature Review:-
[1]

DATE OF PUBLICATION	PAPER NAME	AUTHOR NAME	LINK
November 1, 2019	Job Seeking: The Process and Experience of Looking for a Job	Connie R. Wanberg, Abdifatah A. Ali, and Borbala Csillag	https://carlsonschool.umn.edu/sites/carlsonschool.umn.edu/files/2020-12/Annual%20Review%20of%20Org%20Psy%20Or%20Beh%202020.pdf

This review distills available empirical research about the process and experience of looking for a job. Job search varies according to several dimensions, including intensity,

content, and temporality/persistence. Our review examines how these dimensions relate to job search success, which involves job finding as well as job quality. Because social networking and interviewing behavior have attracted significant research attention, we describe findings with respect to these two job search methods in greater detail.

[2]

DATE OF PUBLICATION	PAPER NAME	AUTHOR NAME	LINK
March 1, 2019	The quest for sustainable employment: Challenges faced by young people during the job-search process	Katrine Moore	https://www.researchgate.net/publication/331588457_The_quest_for_sustainable_employment_Challenges_faced_by_young_people_during_the_job-search_process

Young people who are unable to find and sustain employment are at risk for long-term social and economic exclusion. Active labour market policies (ALMPs) addressing the problem of youth unemployment have focused on building the employability skills of young job seekers to expand their employment opportunities. Yet research exploring how young people navigate the job-search process is limited. Drawing on interviews with young Australian job seekers and their employment consultants, this article addresses the questions of how young people navigate entry into employment through the job-search process and what challenges they face

[3]

DATE OF PUBLICATION	PAPER NAME	AUTHOR NAME	LINK
January 11, 2019	Job-search strategies of individuals at risk of poverty and social exclusion	Maria Jose Gomez-Torres, Javier Rodriguez Santer and	https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0210605

		Javier gil flores	

In Spain, the issue of unemployment or precarious employment worsen with globalization, leading to an expansion of the so-called working poor in the labour market. According to previous literature, the economic poverty that is characteristic of this group may accompany poverty competency. In particular, the working poor resort to informal and poorly developed job-search strategies. This study addresses the job search methods used by people at risk of poverty and social exclusion. It provides evidence on the subject and serves as a basis for the adaptation of socio-labour intermediation programmes to this group. The hypothesis of this study is that people at high risk will predominantly use informal strategies that require a low level of job-search skills.

[4]

DATE OF PUBLICATION	PAPER NAME	AUTHOR NAME	LINK
3 July,2002	Job Search Methods and Outcomes	John T. Addison and Pedro Portugal	https://www.researchgate.net/publication/5215695_Job_Search_Methods_and_Outcomes

Using Portuguese data, this paper investigates the effects of job search methods on escape rates from unemployment and of job-finding methods on earnings. The effectiveness of the job search process is also evaluated in terms of the periodicity of the resulting job match. Emphasis is accorded the role of the public employment service. Despite its frequency as a search vehicle, the state employment agency is shown to have a low hit rate, and to lead to lower-paying, shorter-lasting jobs.

[5]

DATE OF PUBLICATION	PAPER NAME	AUTHOR NAME	LINK

March 29, 2019	Online Job and Candidate Recommendation System	Punitavathi D, Shivu V, Siva Kumar S and Vidhya Priya S P	https://www.researchgate.net/publication/349524671_Online_Job_and_Candidate_Recommendation_System

To develop an enhanced web application, using web services for both online job and candidate recommendation system. By using Professional Social Recommender (PSR) and Text field filtering the recommendation of jobs and candidates will be classified. Three tier architecture designs have been implemented for efficient data retrieval and data transfer. They are Job seeker interface, Candidate recruitment interface and Recommendation database will be the architecture taken for developing this application. The primary architecture will be the job seeker interface, in followed with candidate recruitment interface and Recommendation database will be interconnected.

[6]

DATE OF PUBLICATION	PAPER NAME	AUTHOR NAME	LINK
April 2002	A STUDY OF ISSUES IN JOB PORTALS	Sagar.P,Muskan Singh, Veebhuti Arun Sai Teja, Vani Shinghal and Nitesh Kumar	https://ijcrt.org/download.php?file=IJCRT2104174.pdf

Internet today has cropped out as an invention of science and modern technologies. Many people are using the internet for various purposes as per their needs. In the digitalization era, without the use of the internet, life would come to a standstill. The internet has caused a change in the lives of people and the way they work. The Corona Virus outbreak has pushed people even harder towards using the internet and the various services on the internet. One of the majorly used services on the internet by most job-seekers is E-job portals to search for jobs. This paper's main objective is to build a portal by considering the job-seekers' and employers' views, solving the problems, and adding new features to the current systems.

[7]

DATE OF PUBLICATION	PAPER NAME	AUTHOR NAME	LINK
October 9,2018	Enhanced Job Recommendation System	Shivraj Hulbatte, Amit Wabale, Suraj Patil and Nikhilkumar Sathe	https://www.ijresm.com/Vol_1_2018/Vol1_Iss10_October18/IJRESM_V1_I10_58.pdf

We address the problem of recommending suitable jobs to people who are seeking a new job. We formulate this recommendation problem as a supervised machine learning problem. Our technique exploits all past job transitions as well as the data associated with employees and institutions to predict an employee's next job transition. Dealing with the enormous amount of recruiting information on the Internet, a job seeker always spends hours to find useful ones. To reduce this laborious work, we design and implement a recommendation system for online job hunting. In this paper, we contrast user-based and item-based collaborative filtering algorithm to choose a better performed one.

[8]

DATE OF PUBLICATION	PAPER NAME	AUTHOR NAME	LINK
May 2016	Job Recommendation System Using Profile Matching	Deepali .V Musale , Mamta K Nagpure , Kaumudini S Patil and Rukhsar F Sayyed.	http://ijasret.com/VolumeArticles/FullTextPDF/24_IJASRET7747.pdf

The developed system is job recommendation system for campus recruitment which helps college placement office to match company's profiles and student's profiles with higher precision and lower cost. For profile matching, two matching methods are used: semantic matching, tree-based knowledge matching and query matching.

[9]

Date OF PUBLICATION	PAPER NAME	AUTHOR NAME	LINK
May 2020	Efficient and Scalable Job Recommender System Using Collaborative Filtering	Ravita Mishra and Sheetal Vikram Rathi	https://www.researchgate.net/publication/341482530_Efficient_and_Scalable_Job_Recommender_System_Using_Collaborative_Filtering

Recommendation system is a techniques, which provides users with information, which he/she may be interested in or accessed in past. Traditional recommender techniques such as content and collaborative filtering used in various applications such as education, social media, marketing, entertainment, e-governance and many more. Content-based and collaborative filtering has many advantages and disadvantage and they are useful in specific application. Sparsity and cold start problem are major challenges in content and collaborative filtering. Challenges of content and collaborative filtering can be solved by using hybrid filtering.

[10]

Date OF PUBLICATION	PAPER NAME	AUTHOR NAME	LINK
August 18,2021	Job Recommendation System Using Content and Collaborative-Based Filtering	Rahul Pradhan, Jyothi Varshney, Kartil Goyal and Lathesh Kumari	https://link.springer.com/chapter/10.1007/978-981-16-2594-7_47

Dealing with the big amount of information on the web, employment seeker constantly spends hours discover useful ones. We do all this process in an easy manner. Recommendation systems usually consist of exploiting relations among understood features and content that describes services and products (content-

based filtering) or the overlap of comparable users who interacted with or rated the goal item (collaborative filtering). We reveal a comparison between content filtering and based that is collaborative.

References:

[1] Job Seeking: The Process and Experience of Looking for a Job Connie R. Wanberg, Abdifatah A. Ali, and Borbala Csillag Department of Work and Organizations, Carlson School of Management, University of Minnesota, Minneapolis, Minnesota 55455

[2] The quest for sustainable employment: Challenges faced by young people during the job-search process.Received 24 May 2017. Accepted 24 Jan 2019

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[5] Online Job and Candidate Recommendation System, published March 2019.

[6] A STUDY OF ISSUES IN JOB PORTALS: RESEARCH ANALYSIS, Nitesh Kumar School of Computer Science and Engineering, Lovely Professional University Punjab, India

[7] Enhanced Job Recommendation System ,Department of Computer Engineering, Sinhgad Academy of Engineering, Pune, India

[8] Job Recommendation System Using Profile Matching And Web-Crawling. Computer Science & Engineering, K.K.Wagh College of Engineering, Nashik, India

[9] Efficient and Scalable Job Recommender System Using Collaborative Filtering, published may 2020.

 [10] Job Recommendation System Using Content and Collaborative-Based Filtering, published August 2021.