LITERATURE SURVEY

Date	28 October 2022
Team ID	PNT2022TMID47600
Project Name	Job and skill Recommender
Maximum Marks	4 Marks

S.NO	PAPER TITLE	AUTHORS	JOURNAL NAME	INFERENCE
1	Employment Recommendation system using Matching, Collaborative	Federico Viani ; Dr V.M Deshmukh	International Journal of Computer Applications	The tremendous growth of both information and usage has led to as called information overload problem in which users are finding it increasingly.
2	Job Recommendation based or job seeker skills	Jorge Valverde-Rebaza Ricardo Puma Paul Bustios Nathalia C. Silva	Department of Scientific Research 2022	We describe on framework for job recommendation. We narrow down the scope and focus on recommendation of job vacancies for information Technology (IT) professionals.
3	Skill based Career Path Modelling and Recommendation	Rahul Dagar Subharami Som Sunil Kumar Khatri	IEEE 2020	We show that our model (something significantly) outperforms existing methods on the tasks of company, job title, and skill prediction. More importantly, our model is interpretable and career path planning.
4	Job seekers 'Acceptance of Job Recommender systems	Sven Laumer, Fabian Gubler, Christian Maier	Hawaii International conferences on System Sciences,2018	Based on UTAUT2 and the importance of trust to explain user behaviour in relation to recommendation system developing, validating a job recommender system acceptance model
5	Technical Job Recommendation Systems Using API's and Web Crawling	Minwoo Ryu; Jaeseok Yun; Ting Miao; II-Yeup Ahn; Sung-chan chol;	Computer Intell Neurosci.2020	The present day job seeker is faced with an array of problems before they can find a suitable job for themselves. All existing work is so promising but lacks in some of the other aspects.

In the last years, job recommender systems have become popular since they successfully reduce information overload by generating personalized job suggestions. Although in the literature exists a variety of techniques and strategies used as part of job recommender systems, most of them fail to recommending job vacancies that fit properly to the jobseekers profiles.
Thus, the contributions of this work are threefold.

i) I made publicly available a new dataset formed by a set of job seekers profiles and a set of job vacancies collected from different job search engine sites;

ii) put forward the proposal of a framework for job recom-mendation based on professional skills of job seekers
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iii) carriedout an evaluation to quantify empirically the recommendation abilities of two state-of-the-art methods, considering different configurations,within the proposed framework. recommendation task aiming to facilitate research and of real-world application design regarding this important issue.