

# LITERATURE SURVEY

TEAM ID:PNT2022TMID42748

## SKILL & JOB RECOMMENDER APPLICATION

S.NO	PAPER	AUTHOR	YEAR	METHOD AND ALGORITHM	ACCURACY/ PRECISION
1	Skill2job: A Recommender System that encodes job offers embeddings on graph database.	D. Zhang J. Liu	2020	It propose a recommender system that starting from a set of user's skills,identifies the most suitable jobs as they emerge from a last data set of online job vacancies.It uses recommender system and recommendation algorithm. It uses word embeddings to extract the pattern and DNN(Deep Neural Network)to enhance the person - job fit.	On the scale of 1 to 5 precision is 3.
2	AI based suitability measurement and prediction between job description and job seeker profiles.	Alamelu, M.Kumar	2022	This system is developed to measure and predict a suitable candidate from an available candidate resume database. It uses Genetic algorithm and Artificial Neural Network(ANN). It completely uses AI based Methods.	95.14%

3	Job Recommendation based on Job Seeker Skills:An Empirical Study.	Ricardo Puma, Paul Bustios.	2018	<p>It present a general panorama of job recommendations tasks aiming to facilitate research and real word applications design regarding the important issue.</p> <p>It used two main methods:Term Frequency -Inverse document frequency and Word2vec.</p>	Precision is 0.5 as it matches atleast one out of all profiles.
4	Job recommendation based on Job profile Clustering and job Seeker	L.Moussaid, M.Azzouazi	2020	<p>Job offers are collected form job search website then they are prepared to extract meaningful attributes such as job titles and technical skills .A List of top N recommendations to suggested after matching data from job clusters and job seeker behaviour .</p> <p>It uses such as profile Clustering ,work2vec, k means Clustering.</p>	82.88%