LITERATURE SURVEY

TEAM ID: PNT2022TMID49823

SKILL & JOB RECOMMENDER APPLICATION

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| 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 | It present a general panorama of job recommendations tasks aiming to facilitate research and real word applications design regarding the important issue. It used two main methods: Term Frequency -Inverse document frequency and Word2vec. | 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 | 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 . It uses such as profile Clustering ,work2vec, k means Clustering. | 82.88% |