**LITERATURE SURVEY**

**TEAM ID:PNT2022TMID04507**

**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% |