

**IDEATION PHASE**  
**Literature Survey**

Date	7 NOV 2022
Team ID	PNT2022TMID03826
Project Name	SKILL/JOB RECOMMENDER APPLICATION
Maximum Marks	2 Marks

**JOBS/SKILLS RECOMMENDED APPLICATION**

**LITERATURE SURVEY 1:**

**NAME OF THE PAPER** : Job Recommendation based on Job Seeker Skills.

**NAME OF THE AUTHOR** :Jorge Valverde-Rebaza ,Ricardo Puma ,Paul Bustios,Nathalia C. Silva.

**JOURNAL PUBLISHED** : First Workshop on Narrative Extraction From Text co-located with 40th European Conference on Information Retrieval.

**PUBLISHED MONTH** : March

**PUBLISHED YEAR** 2018

**OBJECTIVE OF THE PROJECT:**

- In this ,when a candidate submits his/ her profile at a job seeker engine.
- Their job recommendations are mostly suggested taking their academic qualification and work experience into considerations.

**LITERATURE SURVEY 2:**

**NAME OF THE PAPER** : A survey of job recommender systems.

**NAME OF THE AUTHOR** : Shaha Alotaibi.

**JOURNAL PUBLISHED** : International Journal of Physical Sciences

**PUBLISHED MONTH** : July

**PUBLISHED YEAR** 2012

**OBJECTIVE OF THE PROJECT:**

- The recommender system technology aims to help users in finding items that match their personnel interests, it has a successful usage in e-commerce applications to deal with problems related to information overload efficiently.
- This article will present a survey of e-recruiting process and existing recommendation approaches for building personalized recommender systems for candidates/job

matching.

**TECHNOLOGY USED** : Boolean search methods

### **LITRATURE SURVEY 3:**

**NAME OF THE PAPER** : A Research of Job Recommendation System Based on Collaborative Filtering.

**NAME OF THE AUTHOR** : Cheng Yang, Yingya Zhang, Zhixiang Niu.

**JOURNAL PUBLISHED** : 2014 Seventh International Symposium on Computational Intelligence and Design.

**PUBLISHED MONTH** : December

**PUBLISHED YEAR** 2014

**OBJECTIVE OF THE PROJECT :**

- It analyze the candidate's resume and the companies' recruitment guidelines.
- To compare and come to a better conclusion upon finding the best suited candidates for the job.

**TECHNOLOGY USED** : Collaborative filtering algorithm.

### **LITRATURE SURVEY 4:**

**NAME OF THE PAPER** : Job Recommendation through Progression of Job Selection.

**NAME OF THE AUTHOR** : Amber Nigam, Aakash Roy, Hartaran Singh, Harsimran Waila.

**JOURNAL PUBLISHED** : 2019 IEEE 6<sup>th</sup> International Conference on Cloud Computing and Intelligence Systems(CCIS).

**PUBLISHED MONTH** : April

**PUBLISHED YEAR** 2020

**OBJECTIVE OF THE PROJECT :**

- It uses the candidates' job preference over time to incorporate the dynamics associated with highly volatile job market.
- The best results have been achieved through Bidirectional Long Short Term Memory Networks (Bi-LSTM) with Attention for recommending jobs through machine learning.

**TECHNOLOGY USED** :Filter-based technique.

### **LITARTURE SURVEY 5:**

**NAME OF THE PAPER** : Job Recommender Systems.

**NAME OF THE AUTHOR** : Juhi Dhameliya, Nikita Desai.

**JOURNAL PUBLISHED** : 2019 Innovations in Power and Advanced Computing Technologies(i-PACT).

**PUBLISHED MONTH** : March

**PUBLISHED YEAR** 2019

**OBJECTIVE OF THE PROJECT :**

- It is used for building the personalized recommendation systems for job seekers as well as recruiters.
- The main issue of these portals is their inability to understand the complexity of matching between candidates' desires and organizations' requirements.

**TECHNOLOGY USED** : Boolean search methods - Word matching algorithms.