

# SKILL / JOB RECOMMENDER APPLICATION

## Introduction

When the whole world is coming back on its feet, those businesses affected by this pandemic disease slowly tries to gain back the momentum it lost. Now is the time when the companies or businesses seek to invest in human resources, which would help them to gain the momentum it lost during this period.

To serve the constant cycle of the hiring process in the job applicant's perspective, many job companies have come up with solutions for providing the job board. Here a seeker looks up for the job he would find relevant to him and apply for it. As there are many job boards, applicants tend to use the tool that provides better services to them, services such as writing a CV, creating a job profile, and recommending new jobs to a job seeker.

Job applicants have become more persistent and proactive in searching for new opportunities that fit their skills. However, companies that are targeting these job seekers are finding it challenging to identify the job seeker's skill and provide personalized job recommendations.

## Literature Survey

Here we will take a look at all the previous solutions, attempts and implementations to the skill/job recommender application or anything that is vaguely related to it.

## Existing Solutions

[Hirist.com](https://www.hirist.com) and [LinkedIn](https://www.linkedin.com) are some popular websites that allow job seekers to search or recommend jobs based on their needs.

These websites get details from the users and based on the users skills and experience, they recommend jobs to users. They also allow users to post job posting and hire people as their need.

TITLE	PROPOSED WORK	TOOLS USED / ALGORITHMS	TECHNOLOGY	ADVANTAGES / DISADVANTAGES
Job Recommendation Based on Extracted Skill Embeddings	Developing job recommendation systems can significantly help both employers and job seekers in speeding up this process and finding the best jobs for them.	collaborative filtering, content based filtering, Hybrid Job Recommender System	Python, Flask, Machine Learning, Html, Bootstrap, Data Science	Best Job Matches can be found for the Job Seekers, but it is not always easy for SaaS providers to know what customers are experiencing.

## References

- [https://www.researchgate.net/publication/325697854\\_Job\\_Recommendation\\_based\\_on\\_Job\\_Seeker\\_Skills\\_An\\_Empirical\\_Study](https://www.researchgate.net/publication/325697854_Job_Recommendation_based_on_Job_Seeker_Skills_An_Empirical_Study)
- [https://www.researchgate.net/publication/272802616\\_A\\_survey\\_of\\_job\\_recommender\\_systems](https://www.researchgate.net/publication/272802616_A_survey_of_job_recommender_systems)