

# Literature Survey on Skill and Job Recommender

## PROJECT DESCRIPTION:

To develop an end to end web application capable of displaying the current job openings based on the skillset of the users. The users and their information are stored in the Database. An alert is sent when there is an opening based on the user skillset. User will interact with the chatbot and can get the recommendations based on his skills. This is an application that helps the user to get dream job based on their skillset. Any skilled person needs a system that acknowledges their preferences and prescribes the correct job.

## RELEVANT BASE PAPERS:

TITLE	Job Recommendations based on Job Profile Clustering and Job Seeker Behavior	A Map-based Job Recommender Model	Job Recommendations based on Job seeking skills –An Empirical study
METHODOLOGY USED	The methods which has been used are Word2vec method, clustering algorithms, Recommendation systems.	Filtering techniques, Geocoding, Geometry visualizer are some methodologies which were used.	The two main methodologies used are Term frequency-Inverse Document frequency (TF-IDF), Word2vec, Continuous Bag-of-words Model (CBOW).
ADVANTAGES	As text clustering is being used it offers the capabilities of processing and analyzing large Quantities of unstructured data and store them from time to time.	Although there are many job recommendations, it model stands unique as it offers mapping support.	Thus the proposed application several different empirical analysis it provides as many as job recommendations for a single profile.
DISADVANTAGES	Complexity and inability to recover from database corruption.	This results shows that this prototype is ultimately beneficial for only one particular area at a time.	Different algorithms and methodologies might also breach the prototype standards.

## PROBLEM STATEMENT:

A Cloud Based Web Application through which the fresher or the skilled person can login and find their jobs by themselves. It is the Web Application capable of displaying the current Job openings based on the Skillset of the users. By the inference, from the above mentioned base papers we would like to develop this application as a semantic application, where the skills mentioned by the users are compared with the available job descriptions to make appropriate recommendations.