

Skill and Job Recommender

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S.NO.	Journal PaperTitle	Author's Name & Year	Source	Findings
1.	Help Me Find a Job: A Graph-based Approach for Job-Recommendation at Scale	Walid Shalaby, BahaaEddin AlAila,Mohammed Korayem, Layla Pournajaf, Khalifeh AlJadda, Shannon Quinn,and Wlodek Zadrozny. [2017]	IEEE	The recommendations systemare successfully advancing in variety of online domins by creating social and commercial value,also this overcomes the major challenges of scalability and sparsity by leveraging a directed graphof jobs connected by multi-edges representing various similarity signals.
2.	A Mobile Proximity Job Employment Recommender System	Motebang Daniel Mpelaand Tranos Zuva. [2020]	IEEE	Mobile recommending app,with the rapid growth of internet tech many IT companies changed to recruiting.This is based on filtering algorithm to enable theinitial selection of suitable jobs for candidate at a specified area.
3.	A recommender system for job seekers to show up companies based on their psychometric preferences and Companysentiment scores	Amanulla Ashraff, Fathima Farhath [2020]	IEEE	Hybrid recommender system,Gather information on job seekerswhich includes theirpsychometric evaluations then compares ratheroutputs on which company is most suitable for seeker.Information related to thescores their reviewsbased on user review sentiments.

4.	Adaptive Methods for Job Recommendation Based on User Clustering	Quoc-Dung Nguyen, Tin Huynh, Tu-Anh Nguyen-Hoang. [2018]	IEEE	Designed to suggest a ranked list of jobs, this is based on clustering- Employee clustering by grouping into different clust, CF-Filter, HyR Filter have applied for different three cluster.
5.	Design of information system architecture for the recommendation of tourist sites in the city of Manta, Ecuador through a Chatbot	David Arteaga, Juan Arenas, Freddy Paz, Manuel, Mariuxi Bruzza [2019]	IEEE	Chatbot-the virtual assistants that interact with people through chatbot. Integration of web services, such as IBM Watson Assistant and google dialog flow will be presented.
6.	Job Recommender Systems: A Survey	Juhi Dhameliya, Nikita Desai. [2019]	IEEE	This has been used for building the personalized recommendation system for job seekers as well as recruiters.
7.	Smart College Chatbot using ML and Python	Hrushikesh Koundinya K, Ajay Krishna Palakurthi, Vaishnavi Putnala, Dr. Ashok Kumar K [2021]	IEEE	This project aimed to implement online chatbot system to assist users who access college website, using tools that expose Artificial Intelligence methods such as Natural Language Processing, allowing users to communicate with college chatbot using natural language input and to train chatbot using appropriate Machine Learning methods so it will be able to generate a response.

8.	Job Recommendation System based on Machine Learning and Data Mining Techniques using RESTful API and AndroidIDE	Harsh Jain, Misha Kakkar [2019]	IEEE	The data communicated through APIs is fed into the database and the Recommendation System uses that data to synthesize the results. To make the existing systems even more reliable, here efforts have been done to come up with the idea of a system that uses a wide variety of factors and is not only a one-way recommendation system.
9.	Collaborative Job Prediction based on Naïve Bayes Classifier using Python Platform	Dr. Savita Choudhary, Siddanth Koul, Shridhar Mishra, Anunay Thakur, Rishabh Jain. [2018]	IEEE	The system based on collaborative filtering technique for job portals is designed suggest the jobs to the user depending upon his profile and by calculating a similarity index using Euclidian distance of two skiD set in python.
10.	Using Collaborative Filtering to Automate Worker-Job Recommendations for Crowdsourcing Services	Julian Jarrett, M. Brian Blake. [2018]	IEEE	The service-oriented architecture implements a push-pull mechanism and an underlying algorithm based on collaborative filtering techniques. Preliminary studies show that the infrastructure can effectively infer the levels of expertise of potential crowd workers based on their profile and past performance history.