LITERATURE SURVEY

SKILL AND JOB RECOMMENDER APPLICATION

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INTRODUCTION

To develop an end to end web application capable of displaying the current job openings based on the skill set of the users. The users and their information are stored in theDatabase. An alert is sent when there is an opening based on the user skill set. User will interact with the chat bot and can get the recommendation based on his skills. We can use job search API to get the current job openings in the market which will fetch the data directly from the webpage.

LITERATURE SURVEY

AN ANALYSIS FRAMEWORK FOR CONTENT-BASED JOB RECOMMENDATION

In this article, they addressed the problem of job recommendation based on user job application history. They proposed different personalised content- based and case-based approaches that use features ranging from

extracted features tomined features and explicit features. They also proposed a hybrid approach by combining content features with well-structured features, along with various feature- weighing schemes for the case-based approaches. The experiments that they conducted using a real-world dataset from CareerBuilder showed that their hybrid approach outperforms the other approaches, especially using the DF weighing scheme.

JOB RECOMMENDATION SYSTEM USING CONTENT AND COLLABORATIVE FILTERING BASED TECHNIQUES

In this paper, they concluded that by combining two or more approaches we can get more reliable and accurate recommendations of job. Further, itwas found that no benchmark dataset is available on which implementation and testing can be done. CBF needs lots of pre-processing on data as it is very difficult toidentify matching skills as recruiters write job description mentioning “expected skillset”, in highly diversified formats.

JOB RECOMMENDATION SYSTEM BASED ON MACHINE LEARNING AND DATAMINING TECHNIQUES USING RESTFUL API AND ANDROID IDE

This paper is based on hiring process, where a job seeker applies to a job by creating a profile on a job portal by providing all his/her work preferences.Theses work preferences of each user can be collected from

each user and provide jobrecommendations based on their preference. Data acquired for our study has no previous interaction between the user data and Job listing data.