Skill / Job Recommender Application

Literature Survey

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Literature Survey:

As Job recommender systems are becoming popular since they successfully reduce information overload by generating personalised job suggestions. But in the literature exists various techniques and strategies used as part of job recommender systems, most of them fail to recommend job vacancies that fit properly to the jobseekers portfolio .Therefore, To Develop a web application to display the current job openings considering the user skillset. As the user and their information is stored in the database an alert is sent whenever there is an opening based on their skillset. The chatbot provides recommendations based on the skills of the users as they interact with the it. We can get the current job openings in the market which will fetch the data directly from the webpage by using the Job Search API.

INTRODUCTION:

The Internet is growing at a whooping rate and as a result it caused a matching growth of the amount of available online information that increased the need to expand the ability of users to manage all this information. The two most important fields which are benefited by the enormous growth of the internet are Information retrieval and Information filtering. Information retrieval deals with automatically matching users information and Information filtering aims to assist users eliminating unwanted information. Speaking of which there is part of these two fields called the Recommender systems which is being broadly accepted in various applications to suggest products, services, and information items to latent customers. Many e-commerce applications join recommender systems in order to expand customer services.

Recommending systems and recruiting process

This system particularly use rating information to determine which type of job required to which type of candidate characteristics in the past in order to be rated positively by the recruiter.The need of applying the recommender system techniques for selection process can be motivated from different perspective. To use this system more effectively we need to make sure that make the best out of the recruiting process

Recruiting process is a core or the most essential function of human resource management treating the labour as one of the prominent factors of production The recruiters generate the job description by determining the set of requirements and constraints on skills, expertise levels, and degrees The recruitment process a life cycle which starts from preparing and then proceeds to sourcing, screening, selecting, hiring and finally onboarding. The systems approach may vary based on collaborative and content based filtering but the recruiting process remains the same and goes through all the stages of the life cycle.

REFERENCES

Shaha T Al-Otaibi and Mourad Ykhlef.
"A survey of job recommender systems". In: International

Lonice Morley

"THE X FACTOR: EMPLOYABILITY, ELITISM AND EQUITY IN GRADUATE RECRUITMENT". Identified that educational experience and process can contribute the development of employability skill and socio-economic privilege can be transferred on the production and codification of qualifications and competencies

Heavey and Morey

"ENHANCHING EMPLOYABILITY, RECOGNIZING DIVERSITY, LONDON: UNIVERSITY UK AND HIGHER EDUCATION CAREERS SERVICES UNIT". Highly the skill graduates need in order to manage their own careers and those that will enable them to continue learning throughout the work lives.

Rubvita Chadha et al

"INDUSTRY'S REQUIREMENT FOR EMPLOYABILITY OF MANAGEMENT STUDENT IN PRESENT SCENARIO" The aim of the study was, the industry's requirement for employability of management student in present scenario. The statistical tools used were mean and standard deviation. The study suggests and concluded that , the offer more practical training, develop their conversational skills, outsource to professional organizations specializing in improving employability skills , send their students to visit industries periodically , invite experts from industries to interact with students - take steps to train their teachers to orient them on the skills demanded by the industry , take measures to enhance students' confidence level , organize frequent personality development workshops and encourage institute-industry interaction.