

# SKILL AND JOB RECOMMENDER

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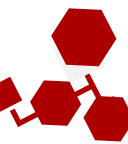
TEAM LEAD: **Gowthami P**

TEAM MEMBERS

M1 LEAD : Dhanasekaran N

M2 LEAD : Hari V

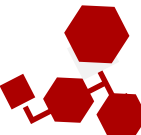
M3 LEAD : Santhoshkumar M



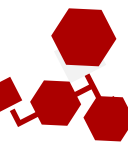
# LITERATURE SURVEY



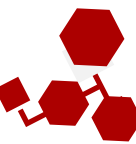
| PAPER TITLE                         | YEAR | AUTHOR                             | DESCRIPTION  | MERITS/DEMRRITS  |
|-------------------------------------|------|------------------------------------|--|--|
| A survey of job recommender systems | 2012 | Shaha T.Al-Otaibil, Mourad YKhlet2 | This Survey described about several approches for job recommendation have been proposed. | <p><u>Merits:</u></p> <p>It 's gives an more useful information.</p> <p><u>Demerits:</u></p> <p>It's suffer from an inappropriateness of traditional information.</p> <p>Consequently canditates are miss the opportunity.</p> |



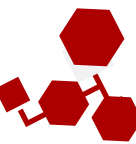
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| Job Recommendation System using Profile Matching and web crawling | 2016 | Deepali v,Musale, Mamta K, Nagpuree, kaumudini s patil, Rukshar FSayyed | The first type of recommendation is done through web portal by using keyword based search and second type recommendaion is done through profile matching and sending notification to the students. | <u>Merits</u><br><br>They use the more logical way approach. |
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| Online Job and<br>Candidate<br>Recommendation System | 2019 | Punitavathi ,Shinu<br>Siva Kumar , Vidhya<br>Priya | It's describe<br>the professional social<br>recommender will works as<br>a third party agent and the<br>agent will retrieves all the<br>recommended job and<br>candidate profiles. | <u>Merits:</u><br><br>It's provide<br>all the company<br>have an own<br>e-recruiting<br>platforms. |
|--|------|--|--|--|



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| A Machine Learning approach for automation of Resume Recommendation | 2020 | Pradeep Kumar Ray, Rocky Bhatia, Sarabjeet Singh Chowdhary | This describe the system could work with large number of Resumes for first classifying the right categories using different classifier, once classification has been done then as per the job description, top candidates could be ranked using Content-based Recommendation. | <u>Merits:</u><br><br>It's help to captures the resume is very Effectively.<br><br><u>Demerits:</u><br><br>Not good for Maintain an Accuracy. |
|---|------|--|---|---|





## REFERENCE:

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- ▶ Devlin, J., Chang, M.-W., Lee, K., Toutanova, K.: BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding (2019)
- ▶ Bothmer, K., Schlippe, T.: Investigating Natural Language Processing Techniques for a Recommendation System to Support Employers, Job Seekers and Educational Institutions. The 23rd International Conference on Artificial Intelligence in Education (AIED) (2022).
- ▶ McInnes, L., Healy J.: UMAP: Uniform Manifold Approximation and Projection for Dimension Reduction. ArXiv, abs/1802.03426 (2018) 27



# Thank you

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