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Online Job Portal Using Python

Computer Science & Engineering
Artificial Intelligence and Machine Learning

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Index

- Introduction

- Objectives

- Literature survey

- Block Diagram

- Tools/Software, Languages used

- Implementation

- Conclusion

- References

Introduction

- Online Job Portal Using Python, this is a website that consists of, a wide variety of job opportunities.
- In this portal, different organizations or institutions can post their detailed job vacancy requirements.
- The people in search for a job can access this portal easily and upload their resume to find the perfect fit for the job they are interested in.
- Interested people can directly apply to the job role posted by the company or respective organization.
- This website also supports a lot of recruiting companies to find a perfect match as per their client requirements too.

Objectives

- The primary objective of this website is of posting and managing the job vacancy requirements.
- It makes searching for jobs with ample of options, in a particular field easier and convenient, with the help of preference in location.
- Companies can access a candidate's information uploaded by the candidate and match it with their concerned requirement. Eg., stability issues, salary hike, etc.
- It makes the selection process easier and less time consuming with good profile resumes.
- Candidates can also look for the details of the company and directly apply to the vacancies available, of their desired dream company.

Literature Survey

Sr. No	Title	Author Name	Description
1.	Online Job Portal (April 2019)	Mustafa Pinjari, Nishit De, Rutvij Kokne, Aamir Siddiqui, Dnyanoba Chitre	• In this project, we attempt to address the gap between the Job Seeker and the Recruiter. This is done by taking into consideration the details provided by both, the Job Seeker and the Recruiter[1].
2.	An Analysis of Online Job Portal Data (March 2018)	Afra Rehman Chowdhary, Ana Carolina Areias	• This project investigates the explicit gender bias and salary gap in the Indian job market, reflected in more than 800,000 job recruitment advertisements[2].

Literature Survey

| Sr. No	Title	Author Name	Description
3.	Online Job Portal (2015)	1. Khan, Muhammad Sabeeh 2.Khan,Muhammad Shaff	• The thought of this project is to add to a stage for the graduates to have the job ideas of their related field. Through this application folks or and additionally universities can instruct their students, to get the jobs. This Web Application gives an extremely fun approach to take and apply for the available jobs quickly and easily[3].
4.	Implementation of an Intelligent Online Job Portal Using Machine Learning (May 2021)	1.Zarrin Tasnim 2.Shaikh Muhammad Allayear	• The main objective is to examine the performance of various Machine Learning algorithms in order to perform with the system of an online job portal .The result shows the successful clustering of similar job search, email notification send to specific people and extracts the information from the web[4].

Literature Survey

Sr. No	Title	Author Name	Description
5.	The Potential for Using Online Job-Portal (Feb 2017)	1.Shinsaku Nomura 2.Saori Imaizumi	• This project examines how online job-portal data can be used as a basis for policy-relevant research in the fields of labor economics and workforce skills development, through an empirical analysis of information generated by Babajob, an online Indian job portal[5].
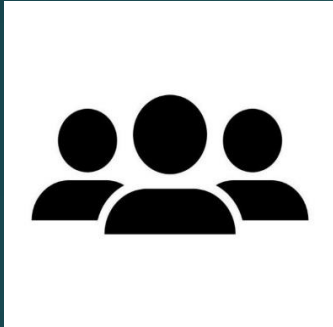
Tools/software, Languages used

- PyCharm
- Python
- Django
- MySQL
- CSS
- HTML
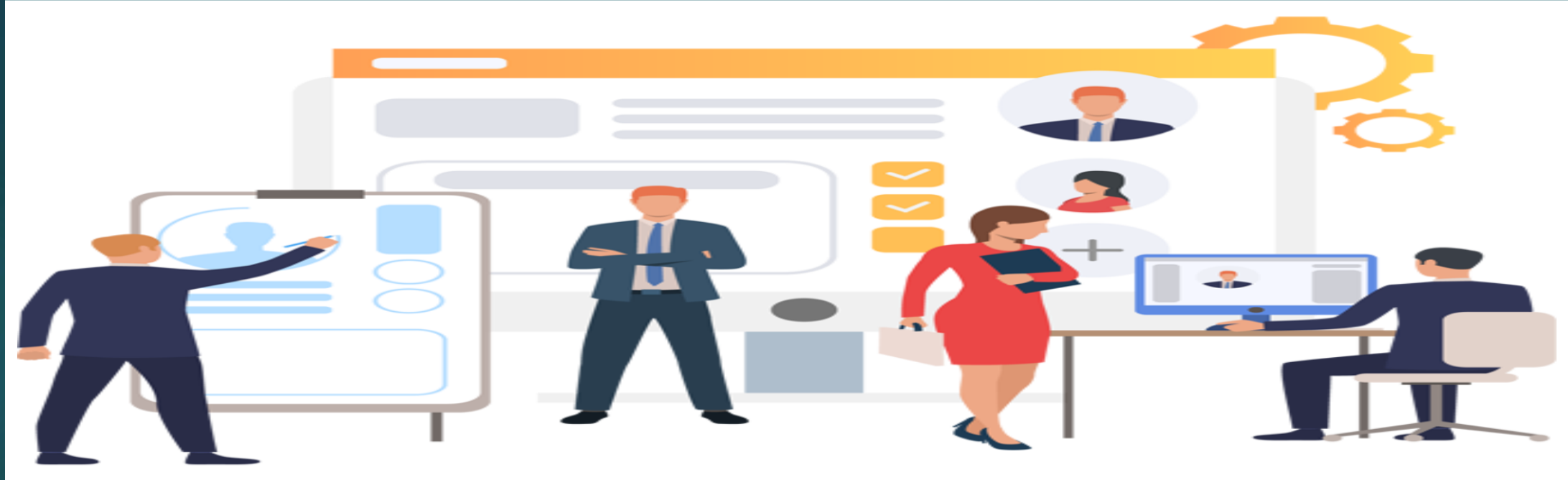
PROJECT WORK

Implementation

127.0.0.1:8000/user_login/

Haven't register yet, then click here Signup

Username

Enter Username

Password

Enter Password

Submit

Conclusion

- This concludes that our website is a small part that benefits the industrial growth of our country upto a certain extent.

- This also helps people to find good and secured jobs with registered companies and organizations.

- Provides easy contact as in one to one relationship with company staff for interview scheduling and for keeping an update on other stuff. Eg., Joining letter.

References

Journal Papers :

[1] Mustafa Pinjari, Nishit De, Rutvij Kokne, Aamir Siddiqui, Dnyanoba Chitre, "ONLINE JOB PORTAL", International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 06 Issue: 04, April 2019.

[2] Afra Rehman Chowdhary, Ana Carolina Areias, "An Analysis of Online Job Portal Data", World Bank Policy Research Working Paper No. 8379, Posted: 27 Mar 2018.

[3] Khan, Muhammad Sabeeh, Khan, Muhammad Shaff, "Online Job Portal", University of Management and Technology Lahore, Issue Date : 2015.

[4] Zarrin Tasnim, Shaikh Muhammad Allayear, "Implementation of an Intelligent Online Job Portal Using Machine Learning", Emerging Technologies in Data Mining and Information Security, First Online: 05 May 2021.

[5] Shinsaku Nomura, Saori Imaizumi, "The Potential for Using Online Job-Portal", World Bank Policy Research Working Paper No. 7966, Posted: 27 Feb 2017.

Useful Links :

[6] https://youtu.be/7wnove7K-ZQ

[7] https://youtube.com/playlist?list=PLDLLuBZ1-Ettw3bWBAkoLGT8li83dg34b

[8] https://youtu.be/MhaH7o3lf4E