PROFORMAFORTHEAPPROVALOFTHEFINALSEMESTERPROJECT

(Note: All entries of the pro forma of approval should be filled up with appropriate and complete information. IncompletePro formaofapprovalinanyrespectwillbe rejected.)

ProjectProposalNumber: _____
(FilledbytheDepartment)

AcademicYear   :2023

YearofAdmission: 2021

AdmissionNumber: 16609

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RegisterNumber   :   MES21MCA-2027

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TelephoneNo.: _____   CompanyE-Mail:_____

4.NameoftheExternalGuide   : _____

MobileNo. : _____   E-Mail: _____

5. TitleoftheProject   : SMART RESUME SELECTOR

6. NameoftheGuide   : _____

Date   Signature of the student

CommentsofTheProjectGuide

InitialSubmission   :

ApprovalStatus   :   Approved/NotApproved   DatedSignatureof   Guide

HODFirstReview   :

SecondReview   :

CommentsofTheProjectCoordinator

InitialSubmission:

FirstReview

SecondReview   DatedSignatureofProject
Coordinator:

INTRODUCTION

Job is an important phase of a person's life as it brings out the true personality and tests you in pressure handling situations. It is often seen that the correct person is not placed for the position and later organization find that the selected employee does not have the required skills and qualification which results in dissatisfaction with employee. Resumes plays an important role in the recruitment process, it decides the candidate's first impression on the recruiter. Resumes are a form of unstructured data, it is really hard to programmatically read a resume and extract information from it. This system for automatically choose the right candidate for a right job profile which reduces the effort,time and extra cost spend. This system help to shortlist the candidate initially based on their resume for further process. It will automate the process of resume screening making it easy and time-efficient. The resume is then converted into tokens which are compared with the defined array of information and skill sets as per the requirement. It focuses on matching occupational category and job requirements with the candidate resume which results in easy management.

OBJECTIVES

This system help to shortlist the candidate initially based on their resume for further process. It will automate the process of resume screening making it easy and time-efficient.

MOTIVATIONORRELEVENCE

On existing system, main focus is on using different approaches and methods so as to solve issue related to matching, screening and classification of candidates resumes. So there are some limitations. To overcome this problem or limitation we propose smart resume selector (SRS) in this paper that focuses on matching occupational

category and job post requirement with the candidate resume which result in easy management and reducing time, effort and extra cost spent for this purpose. In this proposed system we make use of Naïve bayes algorithm. Resumes are classified to various categories based on this algorithm. The implementation of this system will be done as a web application and it include mainly 3 modules. The Admin module will contain the function such as verifying company, view feedbacks, view rating, view complaint and sent reply to the complaints. The Company module contain the function for adding vacancies, sorting resumes, sent complaint etc. The Candidate module include function like applying for vacancy and view them, uploading resume, give rating, sent complaint and view reply for the complaint and sent feedback.

> The number of occupational categories can be changed as per the requirements.
> Naïve bayes algorithm is implemented.
> Ranking of resumes based on score

 BASICFUNCTIONALITIES

1. **Admin**

- Login

- Verify company

- View feedback

- Add and manage carrier guidance

- View rating

- View complaint and send reply

- View result

2. Company

- Registration

- Login

- Add vacancies

- Upload question

- View result

- View ranking

- View feedback

- Send compliant and view reply

3. Candidate

- Registration

- Login

- View vacancy

- Apply for vacancy

- Upload resume

- Send complaint and view reply

- Attend test

- Attend mock test

- View mock test result

- View tips

- View videos

- Send feedback

- View result

- Give rating

<u>Carrier guidance</u>

- Login

- Add mock test details (question and answers)

- Add and manage tips

- View mock test result

- Add and manage videos

<u>**TOOLS/PLATFORM, HARDWAREANDSOFTWAREREQUIREMENT**</u>

HARDWARE REQUIREMENTS

The selection of hardware is very important in the existence and proper

working of any software. Then selection hardware, the size and capacity requirements are also important.

- Processor : Intel Pentium Core i3 and above, 64 bits

- RAM : Min3GB RAM

- HARD DISK: 10 GB

SOFTWARE REQUIREMENTS

One of the most difficult task is selecting software for the system, once the system requirements is found out then we have to determine whether a particular software package fits for those system requirements. The application requirement:

- OPERATING SYSTEM: WINDOWS 10

- FRONT END: HTML, CSS, JAVASCRIPT

- BACK END: Mysql

- IDE USED: Jetbrains Pycharm, Android studio

- TECHNOLOGY USED: PYTHON JAVA