TPO and Student Campus Drive Management

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Abstract*: The availability of information and the facility for the user to take action on the information collected have been revolutionized by the use of the Internet and the World Wide Web. The placement process can be managed using the internet which arises a need to develop a web-based placement management system specifically by the recruiters and the software engineers that can be used as a Recruitment system (Online TnP portal). This system can be used as an application for both candidates and recruiters. Advanced features for recruiters are available as they can shortlist candidates for further rounds according to their requirements on the basis of the probability obtained. The current recruitment system recruiters do not possess candidate information apart from his/her CV. This proposed system aims to analyze the candidate performance and recommend candidates fittest for the job using Random Forest Regressor algorithm that will help to maximize the placement probability of candidates easing the recruiter's task. Random Forest builds multiple decision trees and merges them together to get a more accurate and stable prediction. This system will provide ease and efficiency in recruitment process.*

Keywords: Blockchain, KYC, IPFS, DLT

I. INTRODUCTION

The availability of information and the facility for the user to take action on the information collected have been revolutionized by the use of the Internet and the World Wide Web. The placement process can be managed using the internet which arises a need to develop a web-based placement management system specifically by the recruiters and the software engineers that can be used as a Recruitment system (Online TnP portal).Recruitment system is an online application for organization as well as company usage. To manage the student information regarding placements, the college Training and Placement Officer (TPO) can use this application.A placement predictor is a device that can forecast the probability or form of business that a student in the pre-final year has chances of placing.The proposed system provides the facility of maintaining the details of the students and gets the requested list of candidates for the company who would like to recruit the students based on given skill. The aim of our project is to reduce maximum chances of errors in the manual work and save time as well as to make the students aware of their strengths and weaknesses for better placement opportunities.

II. PURPOSE

The proposed system provides the facility of maintaining the details of the students and gets the requested list of candidates for the company who would like to recruit the students based on given skill. The aim of our project is to reduce maximum chances of errors in the manual work and save time as well as to make the students aware of their strengths and weaknesses for better placement opportunities

Key objectives and purposes of a farmer chatbot include:

- To Secure and faster for sharing sensitive information
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- To allow third party verification

III. OBJECTIVE OF SYSTEM

Automated Process:

Streamline and automate the processes involved in the management of campus drives, from initial planning to the final placement of students.

Placement Analytics:

Incorporate analytics tools to assess the effectiveness of placement processes, including success rates, feedback from companies, and areas for improvement.

Training and Support:

Provide training and support for administrators, TPO staff, and students to effectively use the system.

IV. SYSTEM ARCHITECTURE

Our proposed system allows This kind of technology is able to extract low-level information, such as features engineering or object tracking, recognize unusual human behavior, or even find and detect weapons.

SYSTEM ARCHITECTURE
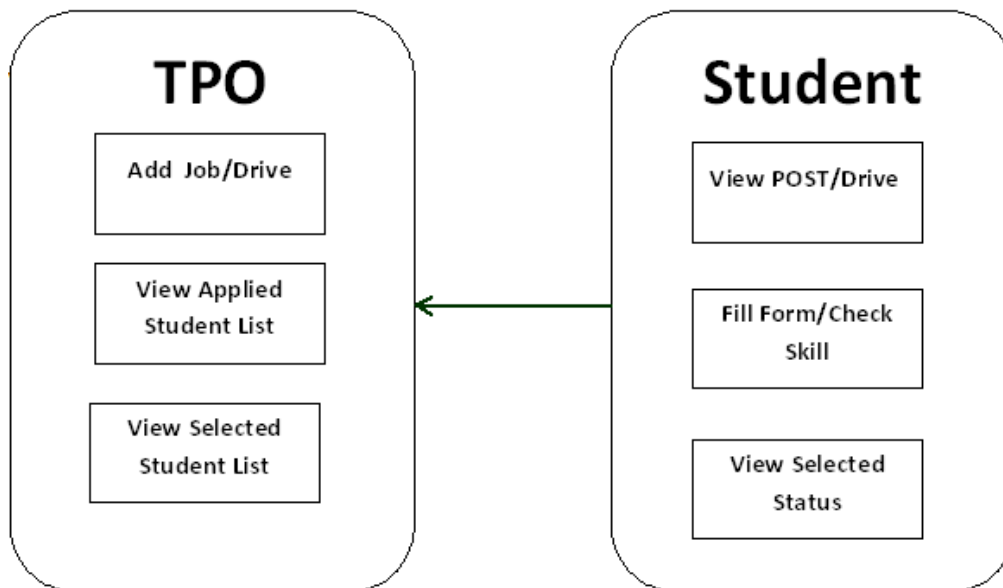
- Automatic video surveillance techniques at these places aid the security personnel for identifying threats. Convolutional neural network-based approaches have been very successful in image/video cataloging and object recognition. In this work, Alex-net is used to identify terror weapons from the video feeds and classify them to aid further investigation by security personnel.
- Our proposed system allows students to apply jobs in real world so we are implanting smart TPO
- (Training and placement) system for inter college, in this system we mapping or recommend jobs as per their skill and knowledge. Also in this system we are providing facility to students can apply for only one job post until his/her rejected from there.
- After rejected status he/she can apply for new post.
- For application student has to attempt small test so company will get better skilled and knowledge students.
- Recruitment system is an online application for organization as well as company usage. To manage the student information regarding placements, the college Training and Placement Officer (TPO) can use this application.

V. CONCLUSION

The proposed system consisting of dynamic prediction uses Machine learning to predict the placement probability of candidates dynamically using the parameters such as CGPA, HSC marks, SSC marks. It overcomes the limitations of current recruitment system which displays discrete values and gives an idea about placement to the candidates. The Scikit learn module provides us with a Random Forest Regressor algorithm which helps in generating probabilities with accuracy for large datasets and hence is comfortably suited for this purpose. Companies generally look for candidates with certain skill sets such as Python, C etc. The proposed system also provides the static prediction which is used by

companies to bifurcate students based on their skills and domain. The recruiter can generate the recommendation list based on the company criteria and searching, sorting can also be performed. Alumni data can also be maintained.

VI. ACKNOWLEDGMENT

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