CareerHunt: Campus Recruitment Portal

Prof.Dr. S. T. Patil

Department of Computer Engineering Vishwakarma Institute of Technology,Bibvewadi, Pune 411037. India.

patil.st@vit.edu

Preeti

Department of Computer Engineering Vishwakarma Institute of Technology, Bibvewadi, Pune 411037. India.
preeti.18@vit.edu

KomalLondhe

Department of Computer Engineering Vishwakarma Institute of Technology,

Bibvewadi, Pune 411037. India.
komal.londhe18@vit.edu

MayurakshiZodage

Department of Computer Engineering,

Vishwakarma Institute of Technology, Bibvewadi, Pune 411037. India
mayurakshi.zodage18@vit.edu

YashParakh

Department of Computer Engineering

YashParakh

Department of Computer

Engineering,

Vishwakarma Institute of Technology, Bibvewadi, Pune 411037. India. yash.parakh18@vit.edu

Abstract:

CareerHunt is a web-based portal to reduce the communication gap between Job providers and Job seekers. The main objective of this project is to make the recruitment process of any organization seamless and efficient. This portal is designed by keeping in mind both Job providers and Job seekers. This program contains a student login and an administrator login. The system allows students to create their own profiles, upload their resumes, and one-click apply. The administrator can view the details of each student and can delete the defective accounts. It can manage companies and placement details and can make announcements. The goal of the project is to counter the problems in the current campus recruitment processes and to automate the process to remove the manual work and timeconsumin

a.Introduction

b.Conducting placement drives to provide maximum employment to the students is the most important task for an educational organization. In various colleges, training and placement officers must manage the students' profiles and the documents of students for their training and placement manually. Also, Placement officers must collect the information of various companies who want to recruit students and notify students from time to time about the placements. The placement officer also must arrange profiles of students according to various streams and notify them according to company requirements. If any modifications or updates are required in the profile of the students or the company, they must be searched and done manually. Hence, the goal of this project is to counter the problems in the current campus recruitment processes and to automate the process to remove the manual work and time-consuming inefficiencies. This project is beneficial for college students and college recruiting officers as the portal will minimize the communication gap between them.

The software program allows students to create their own profiles and upload all their details including their marks in the system. The administrator can view the details of each student and can delete the defective accounts. The portal is thrived towards providing proper administrative control to the placement office for managing student and company records and updating them at appropriate time. It can also manage placement records and permissions of admins. It can also manage red flags given to students in times of discrepancies and remove them from the entire process. Also, real time placement insights and statistics to understand the factors affecting the placement process through this study are available. The system would also provide the facility of resume building, managing placement processes, placement records and notifications. Hence the Placement Management System would maintain a huge database for the complete details of the students as well as the companies in the placement process which would help to save time and effort.

I.I Problem Formulation

In earlier times Campus Placement procedures were used manually. The administrator must transfer all records kept for years to know the details. This is very frustrating. There are many limitations of the programs available. In the placement of the compass by hand, all the work is done in person so that there are more chances of finding errors. Student communication and management are high which make the system time consuming. Students prepare and submit their CVs at the beginning of the year, leaving them frozen over time. Lists were made for each company, and students had to come in regularly to review the bulletin board. The process is to slow down and consume valuable study time diverted from the most useful work. College records are kept and modified on excel pages which is why filtering is a problem. The search was conducted in person based on the terms of the company that the Training and Placement Officers (TPO) will identify a qualified student by changing the excel sheet. The TPO must determine all student marks and eligibility. No search method was provided. The student will receive a notification via the traditional notice board only. There may be opportunities to miss an opportunity. Students were not informed of TPO activity. To communicate, one must go to TPO in person for relevant information such as company questionnaires, job details, which are not available to the student. Currently, most on campus recruitment processes are done with the

help of emails and google forms. In this system, the TPO team sends the company details and recruitment steps via email to students. For applying to a particular company, students need to fill the google form associated with mail and upload their resumes. These responses are then screened by the TPO team and sent to recruiting companies for further process. The communication specific to particular like test details, interview time and date is done mostly via WhatsApp and email. These all things make the recruiting process completely manual and time consuming. With lack of automation, TPO teams need to manually keep track of placed students in separate excel files and due to absence of centralized databases accessing year-wise placement records becomes a lengthy process. This binds a need of having an automated process to make the experience efficient and seamless.

I.II Motivation

The computer-based information system is designed to improve the existing system. Information to be conveyed to TPO has to pass to the students and can be transmitted online.

Such a computer-based system offers the following features:

- Improves accuracy in results.

- Has an easy-to-use interface with easily accessible documents.

- It also helps in keeping the records of students.

- It also minimizes paperwork and applies higher setup skills within the organization and will save your time and money, which is spent on reporting and gathering data.

- It can be accessed to the entire organization and beyond as well as to the appropriate entry provided.

- Career Hunt also helps colleges to manage student information about placement.

- It helps a company that comes to hire a compass to see student details. Before coming to campus, the company can get information about eligible students as well as interested students.

- This project can be very easily used in decision making in new hiring.

- An effective way to provide communication between service providers and job seekers.

- A reliable and consistent approach to job search.

- Conducting secure and limited online testing for tested employees.

II. Literature Review

Pre-hire was done by hand and it was all a time-consuming task. Now everything is possible in a fraction of a second. Everything is done online without wasting much time. Today's rental applications are designed to do much more than reduce

paperwork. They can make a significant contribution to the marketing and sales of a company. Hiring websites and software enable managers to access important information in the management of their employees, which they can use for promotion decisions, salary considerations and succession planning. The Campus Rental website provides online assistance to users worldwide. Utilizing web rental systems such as hiring websites or workplaces also plays a role in simplifying the hiring process. Such websites have resources where Candidates can submit their CVs and apply for suitable jobs. Such sites also make it possible for employers and companies to post their employees 'profiles and view the experts' interests.

This program allows for effective access to and use of the organization through appropriate login. This allows the college recruiting officer to manage information about placement. Here the best strategy is used in conjunction with electronic employment in an environmentally friendly manner. They believe in green keeping focused on reducing water, paper, space, time etc. by conserving nature. Here, the author describes the various procedures and requirements that must be performed during the driving of the daily setting. The idea is to offer a variety of rounds of about 3-5 different, one different, to reduce the number of candidates for the best jobs. It is being tested to find out what is best offline or offline in the modern world. The effects of testing these media vary for different purposes. But in the rapidly evolving modern world and the proliferation of new technologies to make life easier, online media is the best of all kinds of jobs, be it health, government, education, marketing etc. with fast and easy access to data which is very difficult in the offline world. We did this research to understand how the beauty and design of ecommerce web pages influences the user to use these websites. In terms of research, beauty, design and specificity of a web page. Providing all the essential services alone has a huge impact on users and users are very attracted to these systems as well as provide free advertising on these programs.

III. Proposed System

The goal of the project is to counter the problems in the current campus recruitment processes and to automate the process to remove the manual work and time consuming inefficiencies. The administrator is the primary user; You get a greater number of important things than other users. Various functions involve the issue of regulator review, authorization. Administrators can view and allow various application forms. Students can plan their online continuity, and update it regularly. Students can search and view company details and posts, and apply for spaces by attaching a resume. Students can access the interview experience section. They will be able to access the forum, where they can view others' interview experiences and write their own as well. The admin may grant permission for interview experiences written by students to be published. They can see the information provided to the student such as personal information, educational information, parental cell phone number, out-of- school work or other information. They set up online notifications, schedules and events for every user who can watch this. The proposed online deployment plan aims to avoid all failures of existing systems. It adds more features than existing **systems** processes in an existing system.

This helps the organization to win the war in the current competitive world.

- **Resume Builder**: The default format will be provided and the student can use it to produce his or her CV. All student information will be available on the website This information can be automatically extracted from the Website for producing a regular resume. This simplifies and speeds up the resume process.

- **Mail Notification**: In terms of the company the email message will be sent to the eligible reader. Therefore, the interested student can register the company directly by clicking on the Apply button. Email from the system will be sent individually to a particular batch for which the company is recruiting.

- **Report Generation:** Analysis of Placed students, Unplaced students, department wise placement will be made available through this tool. Various algorithms can be used for placement analysi**s.** l. Various algorithms can be used to analyze placement.

IV. System Design

The system consists of three modules: non-registered module, registered module and admin module. Each module has the same login page that contains the user id and password field, by entering a value in that field the user should log in to the system.

Non registered User:

1. Can visit contact us, hall of fame pages where contact information and placed students' information is displayed respectively.

2. The resume maker feature is available for both registered and non-registered users where users can select and create their own resume from available templates and download them.

3. Can visit analysis pages where pictorial diagrams such as bar graphs, pie charts are used to denote the trends of placed students.
4. Non-registered users can register themselves on the portal. (Only students with vit.edu mail are allowed to register)
5. Already registered users can log in directly. (2 Step verification is used – Password + OTP on registered mail).
Registered Users:

1. Can visit their profiles where they can add or update their personal details like 10th,12^{th}marks, LinkedIn profile, resume (in PDF format) etc.
2. Can see their red flag history and reasons for marking. (Students with more than three red flags are blocked and can't apply for any companies)
3. Can see the notifications specific to the company they have applied to.
4. Can see the timeline in which company they have applied and the date of application is present.
5. Can see his/her achievements where placement type and details are present. (If got any)
6. Can see his/her contributions, where interview experiences posted and their approval status is visible
7. In account settings, users can change their current password
8. In company registration, can see the companies currently recruiting, view the offer details and can apply for them or withdraw their earlier applied application.
9. In interview experiences can write their own interview experiences and also search and view others experiences, 10. Can check announcements made by TPO.

Admin:

1. Can add the companies. Fill in all the relevant details like package info., eligible branches, min marks etc. (Notification will be sent to students via mail)

2. Can manage the company registration. Can view upcoming and previous companies' batch-wise. Edit the company details. View the students registered for a particular company (Export their resumes in zipping and details in .csv format). Generate notification for particular registered company students. Delete the company.
3. Can compose interview experiences, can approve/disapprove interview experiences of students.
4. Can add other members in the TPO team as admins.
5. Can see all the registered students on the portal. Search particular students and can see/update their profile
6. Add/ remove students' red flags and mention reasons for action
7. Can see the student's database. Add/edit placed students' details for the company, add placed students based on their college ID.
8. Can view the previous announcements made and add new announcements for a particular batch.

V. Results

Home Page: On the home screen users have options to register and log in. Also, both registered and unregistered users can see placement details and use resume makers to make their resumes. The home page contains details about the institute and has placement analysis on some placed students' databases.


Register Page and Login Page: On the registration page, the user needs to fill in some basic details. Users with vit.edu email ID are only allowed to register.
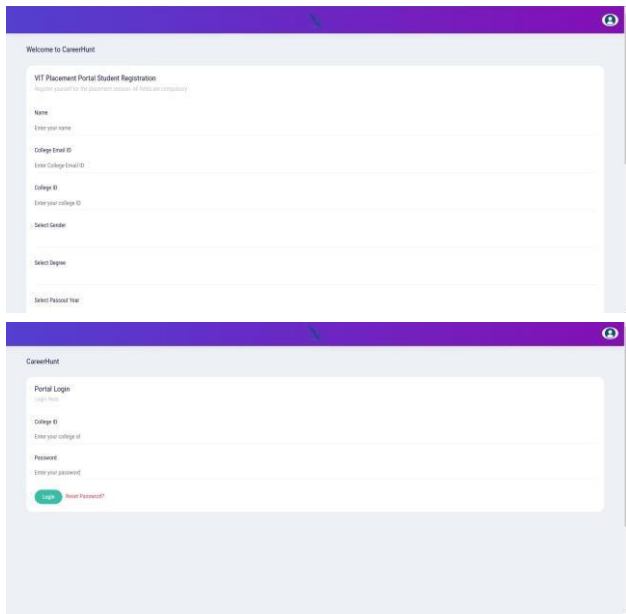
Company Registration Page: On successful login as a student, on the company registration page users can see the companies currently recruiting. By clicking on

the 'View More' button users will get the complete placement details. In the end, users can apply or withdra application from company registration.
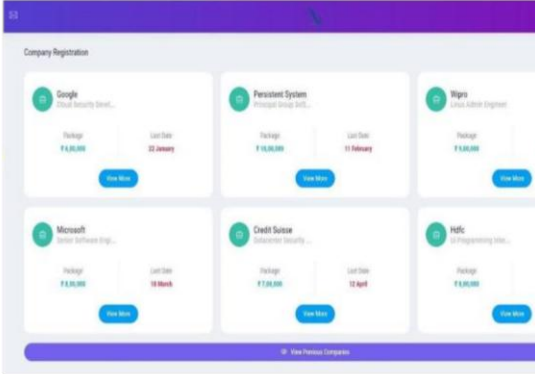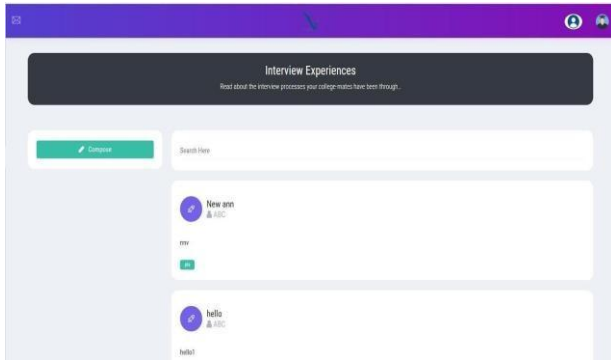

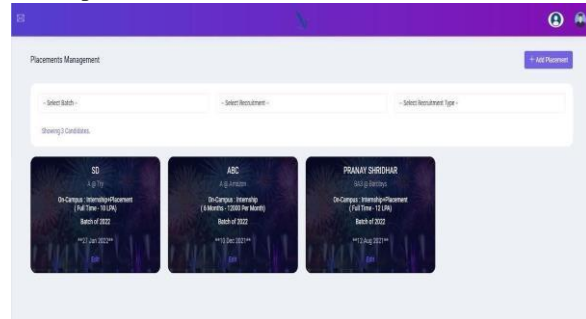Update or upload their resumes and also edit the personal details.
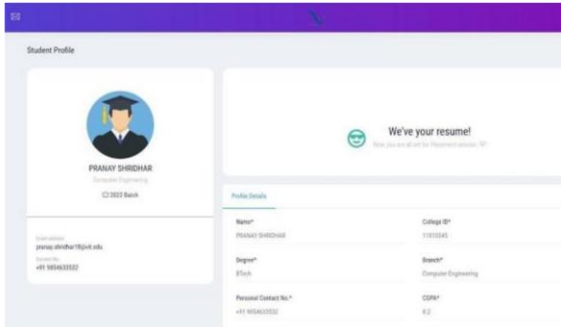
Profile Page: Here students can view their profiles.

Interview Experience: On this page, students can see the interview experiences of others. Also, they can write their own interview experience which will be approved/disapproved by the TPO team.
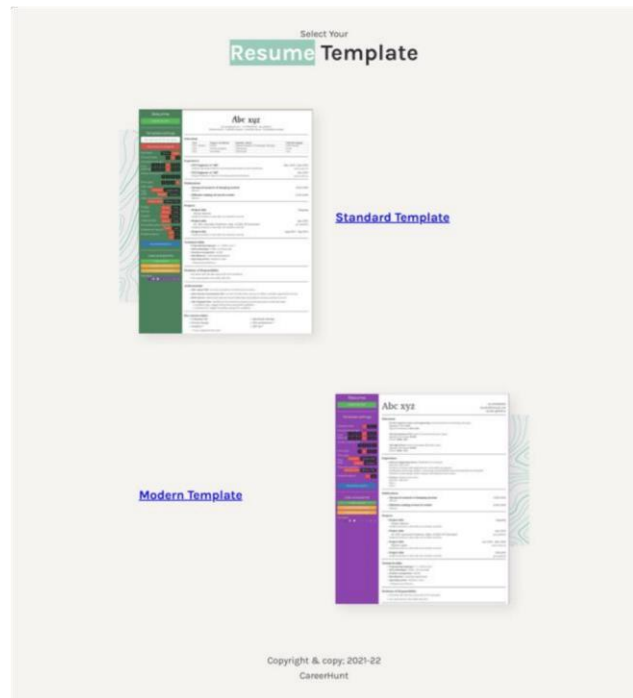
IDs of placed students.

Achievements Page: Placement details (such as company name, role, recruitment type) of a student (if placed) are visible.

registered on the portal, add or remove red flags for particular students, manage interviews i.e. approve/disapprove interview experiences written by students. and manage the students' database.

Placement Management Page: TPO team can filter placed students based on their branch and recruitment type. Also, they can add placement details by filling the fields company name, the role offere d, package given and

Resume Maker: Students can make their resumes online.

Analysis of Placement Data: Student placement data analysis

Analysis Of Placement Data
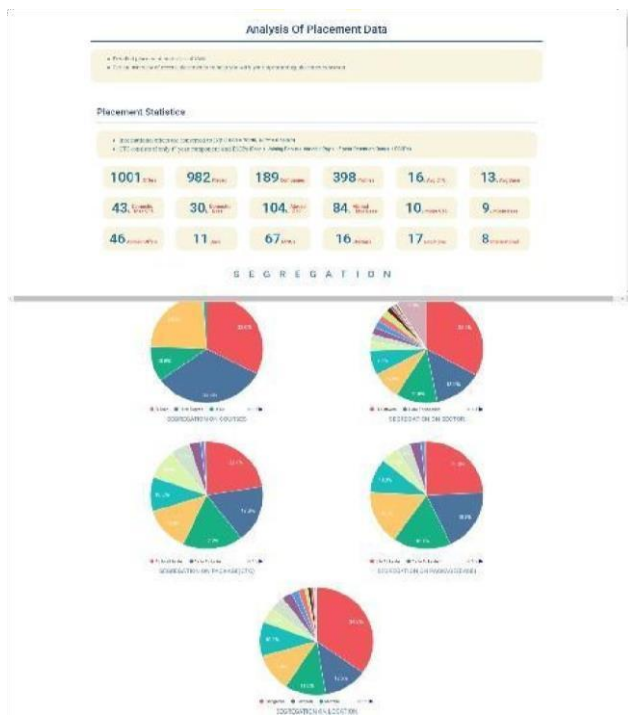
VI. Future Scope

1) Inclusion of resume parsers for producing a summary of resumes which will help companies to shortlist students faster.

2) Integration of online aptitude test portal and interview portal in current application to make the application all-inclusive.

3) Some additional improvements in databases like updating the current status of students (applied, shortlisted, placed), allowing students to apply for a limited number of companies at once can be done.

4) Recommendation system that will predict the probability of students to get placed based on their profile.

5) Dedicated android and iOS applications to provide a better experience for smartphone users.

VII. Conclusion

With today's deployment systems, most of the work is done manually, so it will take some time before changes are possible. This contains key issues such as searching data for students and sorting them. Also, updating student data is a tedious task, and internship management is very difficult because there is no way to notify students in time. In the proposed system, all of these issues are automated. Registering students for upcoming internships, adding new users, notifying students, sharing information, student privacy and more. Everything is satisfied. The administrator validates the information and outputs a student list based on the mandatory criteria that would otherwise be very difficult to manage. The system provides administrators with the appropriate management controls and provides the users involved with a seamless experience. It also helps you generate reports and analyzes to get real-time insights into your ranking statistics.

VIII. Acknowledgement

We hereby take the privilege to present our project report on CareerHunt: Campus Recruitment Portal. An endeavor over a long period can be successful with the advice and support of many well-wishers. We would like to thank all those who are involved in this endeavor for their kind cooperation for its successful completion.

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IX. References

[1]   E-Recruitment (International Journal of Engineering and Advanced Technology (IJEAT)

ISSN: 2249 –8958, Volume-1, Issue-4, April 2012).

Avinash S. Kapse, Vishal S. Patil, Nikhil V. Patil

[2]   Dr Seema Shah, Vidyalaya Institute of Technology Wadala. Proceeding on An Interactive Online Training and placement system, available at www.ijarcsse.com.

[3]   Talaba, D., Moja, a ,ZiarE.,Guidelines towards a European standard for quality assurance of student placement, available in login space on www.q-planet.org.

[4]   Zirra E., March F., Building University -Enterprise Cooperation for the Benefit of Students, Enterprises and Companies.EUI-Net workshop, Athens 28 September (2006).

[5]   Tynjälä, P., Perspective into learning at the workplace, Educational Research Review, 3, 2008, pp. 130-154.

[6]   Training and Placement Department of Rajiv Gandhi Institute of Technology.

[7]   Talaba D., University-Industry cooperation in the Knowledge based society. Proceedings of the 2nd International EUI-Net Conference on: Teaching and Research Synergy, 4-6 May, Tallinn, pp.7-13. (2006).

[8]   Nileshetal. International journal of advanced Research in Computer Science and Software Engineering 3(12),December-2013 ,pp.505-511

[9]   AswathappaK,"Human Resource Management", TataMcGraw Hill, sixth edition, 2011.

[10]   Amit Dar et al.,"Skill Development in India the Vocational Education and Training System", Human Development Unit South Asia Region, the World Bank. 5-10, 2006.

[11]   Archana Mantri, Sunil Dutt et al.,"Imbiding soft skills in technical studies: The problem-based learning way", The Indian Journal of Technical Education,Vol. 30, pp. 79-83, 2007.

[12]   B. Sripala, G.V. Praveen,"Soft Skills in Engineering Education: Industry Perspective", Language in India Strength for Today and Bright Hope for Tomorrow, Vol. 11, pp. 1-7, 2011.

[13]   Brandstatter, Herman,"Personality Aspects of Entrepreneurship: A Look at Five MetaAnalysis", Elsevier, Personality and Individual Differences, pp. 222-230, 2011.

[14]   C. Palanichamy, S. Veeramani,"Employability Enhanced Education From Theory To Practice Practice", 2nd International Higher Education Teaching and Learning, pp. 8-12, 2013

[15]   careerPrime training and recruitment solution (2012). [8] Champal de Costa,"KYE"know your entrepreneur: An alternative approach in volatile times", 24th Anniversary Convention, pp. 249-264, 2012.

[16]   DivyaShukla,"Employability Skill among Professionals – Chagrin of HR Executives in Indian Labor Market: A Study on Engineering Graduates of Bhopal City", VSRD international Journal of Business & Management Research, Vol. 2, pp. 418-427, 2012