

University Placement Portal

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Purpose

The IT sector is expanding very rapidly and along with that the number of engineers, specifically the developers, graduating every year is exponentially increasing. This means that the graduates not only need to know the latest technology, but also need to be skilled in the domain they want to excel their future in. Now that one has well prepared himself/herself with the technology, it's equally important for him to present his skills in an effective way and get a job, because getting a job and gaining financial stability is the ultimate goal.

So, this situation demands an authentic platform and a one stop shop where the job seeker can find apt information right from steps to prepare, practice and crack the toughest interviews. Also, the platform needs to be accessible easily and must be available to everyone so that the reputation of the university not only can be maintained but also improved.

Abstract

The project is aimed at developing the application for the university students in search of jobs. The system is an application that can be accessed and effectively used. This system can be used to practice for interviews. The system also provides features of prediction of recruiters visiting the campus this year for hiring based on previous years. There will also be a feature that will enable naive users to learn the basic tech-stack required by most companies.

Intended Audience

Every job aspirate (Anonymous User) can access and view the scopes. But the university students can exploit the system as it mainly focuses on the on-campus placement training. The rest of two users of the system are University Administration and The Experts. Each of these users have a very specific role. The Uni-Admin mainly controls and decides the content to be used in the system and The Experts will design the content appearing on the system.

Introduction

The addressed issue can be solved by the University Placement Portal. The system has a website and a mobile application (Android App) with various features listed below. The goal of the system is to make it easy and save the time of the job seeker by providing him all the information from guidelines and resources and platform to practice and improve in those skills. The system is powerful enough to provide all of the features at a single place.

Features and Functionalities:

1) System Users

The system can be accessed and utilized by Anonymous Users. The two specific users are: Admin and Experts. The Admin or the university administration will control the system and all the contents appearing on it. Main role of The Experts is to post articles on blogs which boosts the skill development much needed in industry and required for interview.

2) Prediction of Recruiters visiting this year based on past record

The system will show all the previous year records of the recruiters coming on campus. Additionally, the specific information like technology used by the company, number of students hired, etc. will be displayed. By using this data, the system is intelligent enough to predict the companies coming this year for recruitment.

3) Competitive Coding Practice Support

Competitive Coding is one of the most crucial skills a developer must have. Moreover, the field being so wide, it becomes very important to get a direction to prepare for the interview specific questions. So, the platform will provide interview-specific questions based on the questions asked in the interview. The system will provide an in-built text editor for practicing along with solutions to boost your confidence.

4) Practice Aptitude Quiz Support.

An aptitude test is a way for employers to assess a candidate's abilities through a variety of different testing formats. Aptitude tests will test your ability to perform tasks and react to situations at work. This includes problem-solving, prioritization, decision making, technical skill and numerical skills. The recruiters give psychometric tests multiple-choice and there is only ever one correct answer, your score is then marked and your level is compared against other candidates who have taken the same test as you. Generally, the first round for placement process is the quiz round. So, the system provides quality questions along with time per question constraint to help students practice well.

5) Find Opportunities in MNC's hiring off campus

The system will show updates by various MNCs and start-ups regarding off-campus or direct placement. Thus, the system is a one stop shop, where the

students can get information about hiring and recruitments. This feature will be automated and the system admin won't have to worry about searching and updating regularly.

- 6) Blog engine with articles which helps you sharpen skills much needed for industry and tips for preparing for Interview

Blog posts or articles are one of the best ways to learn soft skills like etiquettes and gestures much needed not only in the interview but also in industry. The system allows experts to post articles related to such soft skills, articles to learn how to prepare for interviews, etc.

- 7) Mobile Application Support

The use of smartphones has increased to a great extent and thus mere websites cannot be considered as a viable option. So, the system can be further extended to have mobile app support (android specifically) with the same features so that the access of the content can be fast, easy and at any time.