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Competitive Programming Website using PHP and Mysql

Aishwarya Agarwal[1], Sandeep Gupta[2], Munish Mehta[3]

[123]*Department of Computer Application, National Institute of Technology,Kurukshetra,India*

Abstract: *Most of previous job portals doesn't give a top quality talent. A lot of companies, that lacks proper recruiting methods, don't have any idea about how to recruit. This is paper is all about development of an intelligent dynamic website that focuses on competitive programming challenges. In our competitive programming website challenges can be solved in many programming languages like C, C++ and Java.*

Keywords: *php , wamp server, css,html, mysql.*

I.   INTRODUCTION

Finding the right job is as tough as finding the right candidate for the job. Candidates and companies both are struggling. There seems to be a gap between the aspirations of a candidate and also the expectations of an company. The struggle is directly proportional to the gap something the present recruitment infrastructure within the country can't appear to solve the problem. So there is a necessity of competitive programming platforms that test candidates programming skills and provide best job to candidates. Even if a candidate does not have good programming skills. Using this platform candidates enhance their programming skills. And get job in reputed company

II.   MOTIVATION BEHIND THE PROJECT

Product based companies mostly visit to reputed college like IITs, NITs and IIITs. These companies do not visit in small private colleges as well for campus recruitment. So it is quite challenging task for students from small private college to get job in product based companies.So it is quite challenging task for students from these colleges to get job in product based companies.
Even if student lack some skills then also student can brush up their skills using this platform.

III.   SOME EXISTING SYSTEM

A. Grown Out
1)   *Founders*: Sumit Gupta and Harsimran Walia
2)   *Location*: Gurgaon
 GrownOut modifies the way how referral hiring work and the network of people which you try to connect through your employees to fill vacant job opportunities. This builds in all the benefits of referral hiring but removes the inefficiency in the system.

B. Zlemma
1)   *Founders*: Ashwin Rao and Madhav Halbe
2)   *Location*: Pune in India and Palo Alto, California in the US.
It helps organizations of all sizes identify relevant candidates for their requirements in a matter of minutes as opposed to days or weeks. We locate these candidates no matter where they are whether on the public web, inside job boards, or even inside their own databases. For this, we have built patent-pending technologies around resume parsing, job parsing, and matching candidates to jobs.

C. Recruitro
1)   *Founders*: Neeraj Kumar and Chetan Chopra
2)   *Location*: New Delhi
It mange recruitment processes. The startup aims to reduce the cost of sourcing of candidates (by the employers) through its applicant tracking system. Recruitro tracks the action taken by recruiters for each candidate and draws data from it. What Recruitro does is that if a candidate has been declined after being offered the job then it serves him higher in the search listings. The startup works on data-sharing and credit basis. Companies can earn credits by posting resumes on its website, post which they can use that credit to get access to other resumes.

IV. GAPS IDENTIFIED

There is a lack of efficient technical recruiting platform. Existing systems don't check candidate's skills efficiently therefore there's a niche between the aspirations of a candidate and also the expectations of a company. The existing systems aren't yielding the required outcome.

V. OBJECTIVE SET

Develop a website that aims to help companies to hire best engineers Technical recruiters use programming challenges to test candidates on their programming skills and check understanding problem by candidates**.** It helps developers to enhance their programming skills and compete in this competitive /challenging world.

VI. TOOLS AND TECHNOLOGY

A. Wampserver

Wampserver provide web development environment for windows. It facilitate us to develop web applications with Apache, PHP, MySQL database and PhpMyAdmin allow us to maintain databases easily for dynamic websites.

B. Php

PHP is a server scripting language, and a robust tool for creating dynamic and interactive websites. PHP code can also be embedded into HTML code, or it can be employed in combination with numerous web template systems, web content management systems, and web frameworks. it is integrated with variety of many databases, including MySQL, PostgreSQL, Oracle.

C. Mysql

MySQL is a database system used on the web. It runs on a server. it is ideal for both small and huge applications. It is very fast, reliable, and easy to use. MySQL uses standard SQL .It compiles on variety of platforms. It is free to download and use. it is developed, distributed, and supported by Oracle Corporation.

D. Html

HTML (Hyper Text Markup language), it was given by Tim Berners Lee in the year 1993.It provides facility for creating web pages and web applications. HTML defines structure of webpage. We can embed JavaScript in HTML webpage that affects its behaviour. Every html page consist of building blocks of html elements.HTML elements helps in embedding images and other objects such as web forms into webpages.

E. Css

CSS stands for cascading style sheet. It defines how HTML elements are to be shown on the screen.CSS enhances the appearance of webpage.There are three ways to insert CSS in webpages.

1) External Style Sheet : In this we use external file of CSS and every page has reference of that file.

2) Internal Style Sheet: <Style> tag is used for inside HTML document.CSS rules are defined in <Style> tag.

3) Inline Style Sheet: Style is used as attribute inside HTML tags for adding rules.

VII. FUTURE SCOPE

Provide Some more programming language options so that users gets more option in terms of choosing which programming languages to write code .Add discussion forum so that developers connect with each other so that new ideas can be generated.

VIII. CONCLUSION

Currently there are very fewer efficient technical recruiting platforms .So we need an efficient technical recruiting platform that test candidates programming skills and provide best job suited to candidate. Even if a candidate lacks programming skills make them capable and enhance their programming skills. So that candidate can get best job in reputed company.

IX. ACKNOWLEGEMENT

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