



Sri Lanka Institute of Advanced Technological Education
Advanced Technological Institute – Kurunegala
Higher National Diploma In Information Technology

Project Proposal
IT2404 Individual Project
Job Portal Website

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1.Title

Job Portal Website

2. Introduction

An online job portal system that helps job seekers to find jobs and assists the employers in finding the best candidates. Online job portals offer a wide range of jobs in various numbers of fields.

Many large organizations, government institutions, non-profit organizations, and private companies have their own job portals that job seekers directly access on their website. Also, most of them advertise on other media like newspaper and television instead of that does not fulfill both side expectations of organization and job seekers completely. It is clear that most companies waste money and their valuable time to find the suitable candidates.

In this project, the online job portal system is developed for job seekers, companies. It provides a platform to job seekers and employees to interact with each other's in an efficient way.

When a company wants to do recruitment through online job portal system, they have to do one time registration into the system as job publisher and create the company profile.

Main features in the system are

- posting the job
- job viewing
- apply for a job
- payment method for job posting cost
- Job poster - job seeker interaction
- admin based job or job seeker or job poster administration and dashboard of the system.

3. Background and Motivation

Background

This system for identifying the employee based on the qualification, working experiences and the skills for the requested job and sends an automated notification to the employer or company who has post the job. This function will work during the selection process.

Most of the job banks and job searching websites are providing the facility to create the profile of a candidate and let them search the job posted by the employer or a company. After finding a job, they are requested to send the resume via email or traditional post or apply through online. Every employer should wait about two weeks to receive the applications.

Online job portal system will automatically apply for the suitable job on behalf of candidate who has activated the facility. Later on they may cancel the application from the list of applied job displayed on their personal dashboard if they are not happy with the company where systems made automated apply. Online job portal system is identified as an important system in order to overcome from the above mentioned problems.

Motivation

- Our web based application is easily handled, interactive and well structured. We have some valid motivations to be used to our system.
- The website is to reduce physical involvement of man power and find jobs more efficiently and accurately.
- Through this website users experience faster, easier more effective service. This web site has well designed data management system.

4. Aims and Objectives

Aims

The aim of designing the online job portal system is to give the job seekers a platform for finding a right and a satisfactory job according to their qualification. It also connects the job seekers with the major agencies. It also provides Jobs portal for Job Seekers to submit their CV and apply for job posting and Employer can select best Employees from Available CV based on their payment option selection.

This is basically a Job portal where job Seeker applies for jobs and employer post jobs and select prospective applicant. Job portal is prepared to provide all categories of job and help to get various type of job. The main purpose of job portal is to provide the facility to job seekers for getting the quick job. So, it enables applicants to search for jobs in a convenient manner and to enable employers to find suitable candidates.

Objectives

The objective of the application is to develop a system using which job applicants and recruiters can communicate with each other. An Online Job Portal is an application where the job seekers can register themselves at the website and search jobs which are suitable for them where as the employers register with the website and put up jobs which are vacant at their company.

The Online Job Portal System is a package to be used by agencies to improve the efficiency of business. The Online Job Portal System to be developed benefits greatly the members. The system provides jobs catalogue and information to members and helps them decide on the jobs to apply. The Admin and employers can keep the jobs catalogue updated all the time so that the Job seekers get the updated information all the time.

5. Problems in Brief

The present system requires applicants to search through print and visual media for job opportunities. In the current manual system job seekers had to send resumes and cover letters by mail, deliver them in person or fax them, and then wait for an interview request. Employers need to advertise the vacancies and sort all applicant details, conduct selection procedures and complete the formalities. The job application process took quite some time. This approach is tedious and requires much effort and resources. This process was equally frustrating for recruiters, as it often took some time to fill positions with qualified candidates.

- Non availability of data when required.
- Resume sent manually, it is a waste of papers and consumes a lot of time
- No database/system to keep track of resume of candidate
- Difficulty to search for required job vacancy. It takes a long time for job seeker.
- Inviting applications through post takes a lot of time.

6. Proposed solutions

- The proposed system is a web based application which allows applicants and employers to register their details.
- Applicants can browse through the vacancy details that are posted and can apply for the jobs online.
- Employers can browse through the posted resumes and select suitable candidates.
- Filter, Search facility for job seekers according to their required vacancy.
- Daily updates via notifications and other communication media.
- Sending resume saves effort, time and cost of job seeker
- All vacancies are available on a single interface
- Job seeker can set privacy level for different companies
- Job seeker can save jobs according to their needs
- Most recent jobs are displayed on the home page
- Counting the number of times the resume of a job seeker is accessed by the company
- Ease of posting job vacancy by employer
- Ease of filtering applications that fit into eligibility criteria by scanning the resumes
- Ease of communication between job seeker and employer by internal messaging
- Easy generated reports

7. Resource Requirements

Software requirements

Frontend

- HTML
- CSS
- Bootstrap
- JavaScript

Backend

- PHP
- MYSQL

Software using

- Visual Studio Code
- XAMPP Software
- Adobe Photoshop CS6

Hardware requirement

Processor : Intel Inside Core i3 or latest processor

RAM : 4.00 GB or above

HDD: Minimum 500GB or above

8. Project Plan

Project Name: Online job portal system

Start Date: 20-03-2023

End Date: 25-06-2023

Task Name	1 Week	2 Week	3 Week	4 Week	5 Week	6 Week	7 Week	8 Week	9 Week	10 Week	11 Week	12 Week	13 Week
Project													
20/03/2023 -25/06/2023													
1.Problem definition													
1.1 Define requirements													
1.2 Define specific function													
1.3 Define risk & risk management approach													
1.4 Develop the project charter													
1.5 Create the project proposal													
2. Planning													
2.1 Develop the scope statement													
2.2 Develop & refine other plans													
3. Design													
3.1 Interface design													
3.2 Design server setup													
3.3 Database design													
4. Development													
4.1 Implement the source code													
4.2 Develop the functionality													
4.3 Content Migration/Integration													
5. Testing													
5.1 Testing in local service													
5.2 Controlling & test													

Durations (Week)

9. Details of the client

Client Name : S.P.D.J.L.Ranathunga

Address : Ideal First Choice (PVT) Ltd,

Wanduragala,

Kurunegala.

Contact Details : 077 5024684

E-mail : lakshan.ranathunga@idealgroup.lk

10. References

W3Schools – HTML Tutorials

<https://www.w3schools.com/html/>

W3Schools – CSS Tutorials

https://www.w3schools.com/html/html_css.asp

PHP Tutorial

<https://www.tutorialspoint.com/php/index.htm>