

Online Job Search Application

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ABSTRACT

Searching the jobs that best suits the interests and skill set is quite a challenging task for the job seekers/Workers. The problem arise from not having proper knowledge on the organization's objective, their work culture and current job openings. In addition, looking for the perfect workers with desired work skill set to fill their current job openings is an important task for the recruiters of any organization, agencies, companies, contractors etc. Online Job Search Applications have certainly made job seeking convenient on both sides. Job Search application is the solution where recruiter as well as the job seeker/Workers meet aiming at fulfilling their individual requirement. They are the cheapest as well as the fastest mode of communication reaching wide range of desired workers on just a single click irrespective of their geographical distance.

The application "Job Search Application" provides convenient and easy search application for the job seekers to find their desired jobs and for the recruiters to find the perfect candidate that suits the best. Skilled Job seekers from any background can look for the current job openings. Job seekers/Workers can register with the application and update their details and skill set along with how long they have been working for. They can search for availability of jobs and apply to their desired positions they want to work in. Android application, being open source has already made its mark in the mobile application development. To make things useful, the user functionalities are developed as an Android application. Workers/labors can register with the application and posts their current openings. They can also view the Job applicants and can screen them according to the best fit. Workers can provide a review about an organization and share their interview/work experience, which can be viewed by the Employers.

Keywords : Job Seeker, Admin, Job Portal

I. INTRODUCTION

This app is for the people who are looking for the workers or untouched workers from different

professions or fields like labor worker, electrician, Mistry, etc. This app will allow the workers to sign up their details along with their profession they are well good in. Their final profile will be shown with

their profession and also with the rate they charge daily or hourly. There will also be poll review for each worker. Through this app people can directly contact them and call them according with their work needed. For this, app is easy and convenient way of contacting workers as needed. This app will not only work in local area but also in other states or countries where contractors from different profession/ fields can hire labor/workers according to their need of workers and get paid handsomely. There will also be an option for the tip where workers get tips after work done. Which I think this app is also a platform for providing jobs to the labors/workers. This Job Search Application is for both Professional employees and the workers without any qualification who due to financial problem or so and so could not fulfill their dream of work they wanted to work in by education, but nevertheless. This is the platform which let you find the the job you're master in. This Job Search Application is a web application, which serves jobseekers to find availability jobs and worker to identify eligible job seekers with the prospect of selecting the most experienced worker, eligible candidate. The only way to select best-qualified candidate and the workers is to have a pool of eligible applicants, which is possible by drawing the interest of individuals in the market. Job Search Applications best serve this purpose. This platform will become the standard means for employers, Workers/labors and job seekers to meet their respective objectives. With the advancement in technology and growth of internet usage, this platform is a revolutionized the way organizations hire and candidates search for jobs. With the Online Job Search Applications, process of meeting the desired jobs, works are speeded up at The cost of searching/posting jobs will be much less compared to the traditional way of advertising. Job Search Application stands as an effective means for Employers to outline the job vacancies, responsibilities and qualifications to attract jobseekers.

Using this platform workers/jobseekers can extensively search for jobs in companies, organizations and regions they may otherwise have not learnt. In addition, Workers can write a review about an organization, which might help them to change the way things are done.

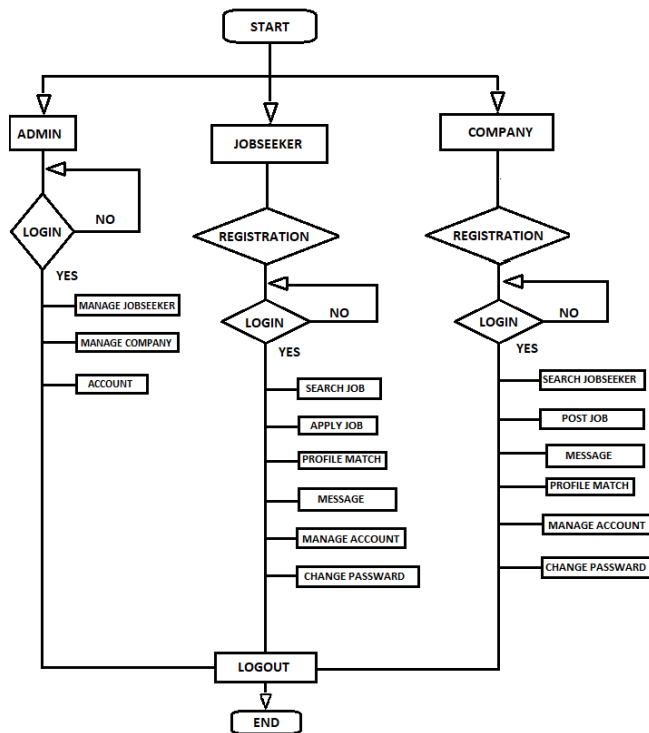
1.1 Drawbacks of Current System:

Existing systems are user-friendly and have a good GUI, but in existing systems there are no Modules or mechanism that can help workers/Job Seekers to understand Companies that they need. The existing system is intended to only show as many as possible Job Opportunities as they can, but, not those Job opportunities which Job Seeker really wants. This results with many Job Seekers not finding any job, or ending up with a job which is not of their choice.

1.2 Objectives

- To provide a platform to the Job Seekers/Workers which will help them to get job as per their need they are well skilled in and as per requirements.
- To provide a better way in order to hire employees with skills company needs.
- To identify the needs of the Job Seekers with the help of numerous filters.
- To help Recruiters to manage workers/employees profile, and keep a track of all the Job Seekers/Workers who are looking for the desired work they want.

II. Methodology/Flowchart of Online Job search application



2.1 System Module

2.1.1 Job Seeker Modules:

This module provides functionalities for the Workers or job seekers. Workers can post their Personal as well as Professional details. They will be able to submit work experienced which can be accessed by the recruiters for hiring purposes. Applicants can browse through the job vacancies available. Job Seekers will also get mail alerts when their profile gets selected by any Employer.

- Facilities provided to Job Seeker:
- A Job Seeker/Workers can search for different Job Opportunities.
- A Job Seeker/Workers can post his/her work experience.
- A Job Seeker/Workers can view a particular company or list of companies.
- A Job Seeker/Workers can contact companies directly at the contacts provided by them.

- Job Seeker/Workers can ask questions to the Recruiters about the jobs and recruitment process.

2.1.2 Recruiter Module:

This module provides functionalities for a Recruiter. Recruiters can post details of the needed workers to further companies, organization and can update them as and when necessary. Recruiters can search through worker's work experience based on different criteria.

Facilities provided to Recruiter:

- Recruiter can view Job Seeker/Workers with particular skill set.
- Recruiter can upload Job Posts about the companies the workers needed in and documents that Job Seeker can view.
- Recruiter can directly contact any Job Seeker at the contact provided by him/her.
- Recruiter can answer all the queries of the Job Seeker regarding the jobs listed.
- Recruiter will have the all the detail about workers i.e., their work field, work experience, skill set etc.
- As per the gathered information from the workers, Recruiter will further contact to the agencies, companies, contractor, etc. as per the requirement of the workers.

2.1.3 Admin Module

- This module provides all the Administrator related functionalities.
- 1 Administrator manages entire application and maintains the profiles of Job Seekers and Recruiters.
- Facilities provided to Administrator:
- Administrator can add new Companies, Agencies, Organisation Contractor.
- Administrator can be able to provide user-id and password to different users of the system.

- Administrator can be able to provide delete existing account.
- Administrator can be able to provide view or edit existing account.

III. SYSTEM REQUIREMENTS:

Table 1 : Software Requirements

Number	Description
1.	Visual Studio 2017 (Community Version)
2.	Mongo DB
3.	Windows 10

Table 2 : Hardware Requirements

Number	Description
1.	4 GB Ram
2.	2 GHz Processor

IV. Literature Review

A. Job Procurement: Old and New Ways

Job seeking involves many different ways to find for jobs such as by personal contacts, direct telephone calls to employers, job agency office, scanning online job listings, etc. And now before the Internet, became widely uses as a method of seeking jobs, jobseekers/workers spent lots of time using different methods to find for job openings. Today,s generation, jobseekers/workers use online methods thar are much convenient and save a lot of time. Galanaki lists the following methods to be the traditional (old) ways for recruitment:

- Job fairs
- Advertisement in the mass media such as newspapers
- Advertisement in television and radio
- Existing employee contacts
- Schools colleges or universities students services department
- Workers or professional referrals

Those old jobseeking methods are really too slow, stressful, challenging and also lack quality. And in addition, the applicants have to consider the cost and the amount of time to get the information they need, and other preparations they have to make. Looking for all available vacancies is really the main step at in the job-seeking process. The Internet is now really a powerful tool that jobseekers/workers can use. Today, there are many sites that advertise job positions to be filled by people with certain skills in various fields. The Internet in today's technology era plays an vital role in the area of human resource planning and development. Most of the planning and development organizations are now using technology and the Internet for staff recruitment and It should be noted that although the Internet has facilitated the process of job-seeking, it has not replaced the traditional methods, completely.

B. Importance of Job Portals

In the new era of technology, definitely the Internet has become really main source of information for jobseekers/workers. Large corporations, Institutions, and universities include information on career Prospects on their websites. According to a survey, 70% of the workforce uses websites or portals on the Internet to Search for jobs in France. These websites or portals provide search engine to access information on job opportunities.

V. Screenshots

The image displays two identical screenshots of a mobile application's registration screen. Each screen features a white background with an orange header bar at the top. The header bar contains a back arrow on the left and the word 'Register' in the center. Below the header, there are four input fields: 'Name', 'Mobile', 'Choose Profession', and 'Choose Location'. Each field has a thin grey border and a small downward arrow on the right side. At the bottom of the form, there is a prominent green rounded rectangular button with the word 'Register' in white text. The status bar at the top of each screen shows the time as 10:42 and various system icons.

The image displays two screenshots of a mobile application's home screen. The top screenshot shows a white background with an orange header bar at the top containing the word 'Welcome'. Below the header, there is a large green rounded rectangular button with the word 'Search' in white text. The bottom screenshot shows the same white background with a large green rounded rectangular button at the bottom containing the word 'Register' in white text. The status bar at the top of the top screenshot shows the time as 10:20 PM and various system icons.

VI. COMPARISON

There are not very much space for improvement in any of the current online jobsites in India. So, we thought that there are still some areas where we can bring improvement with our project, this does not mean that our project is going to be any better than that of any current portals or even on the equal level. And the main idea of us getting involved in this project is to carry on with what is trending.

The fields which we thought off and also tried to make improvements in the current services can be as follows:

Helping jobseeker/worker find jobs being specific to not only to functional areas, industries/Companies. And yes, they can now be able to search jobs on the locations that are feasible to them. Jobs can be specific to state and city.

• Not only this the application can be launched in an international level as it is not limited to one country jobs from multiple countries with all their functional and industrial areas can be posted by seekers can apply to jobs that they are feasible with. The Jobseekers are also able to post the details of the multiple projects they were linked with in the past in our website.

Note: However, we made some changes to the current application, but we are still way behind from them as we do not have our own application and our website is not fully responsive in current scenario. That means we have lots of things to improve to get close to those sites(applications) and get past them

VII. CONCLUSION

It can be concluded that this project of Job Search Application was a real learning experience, the principles of software production were well implemented throughout the system. The project has been made as per as the given specifications. The Job Search Application developed by us is purely based on ASP.NET platform. A Job Portal provides an efficient search for online information on job vacancies for Workers and Job Seekers as well. The goal of this platform is to attempt to produce the right workers based on the industry needs. However, it is important that be aware the Job Search Application can never fulfill all the problems of jobless workers/employees.

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