Multifunctional Online Job Portal

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Abstract – In this current era, the education among the people is so increasing that the jobs for them are now decreasing. The companies even want the people who are best in their fields. At that time, it becomes difficult to find the people who are intelligent enough to be hired. The work for the companies also increases to find the people who can fulfill their requirements. This job portal will help both the job seekers and recruiters finding the right organization for the employees. In the case of job seekers, according to their educational qualification and their preferences, the job portal shows the list of companies to them. So that fresher's who are looking for the job can spend more time on preparation and less time on information collection.

Index Terms – fresher, companies, hire, government

1. INTRODUCTION

The online job portal application allows job seekers and recruiters to connect. The application provides the ability for job seekers to create their accounts, upload their profile and resume, search for jobs, apply for jobs, view different job openings. The application provides the ability for employers to create their accounts, search candidates, create job postings, and track contacted candidates. This job portal will help both the job seekers and recruiters finding the right organization for the employees. In the case of job seekers, according to their educational qualification and their preferences, the job portal shows the list of companies to them. One can find Government jobs in India and also search jobs by Industry (such as IT jobs, Bank jobs, Health care jobs, research jobs, etc.); jobs by location (Cities, States and Regions of India); jobs by education (B.E., B.Com, Arts and Science degree, M.B.B.S., M.E., M.B.A., M.Sc., ITI Diploma, 10+2, etc.).This will be helpful for fresher's many ways such as free of cost, no paid services, no registration needed, information in a systematic, classified, more useful, most correct and simplified way. So that fresher's who are looking for the job can spend more time on preparation and less time on information collection. Online job portal is a web application built in PHP. It provides the candidates, ability to register to this application and search for jobs, manage their accounts. Each candidate will have an account with their own home page. On the other hand, Employers those are willing to publish the jobs for their company to candidates, can register to the job portal and get their own account created and can post jobs to portal's database. Registered Employers can add or remove jobs and these jobs can be seen by various candidates and they can contact the concern person for the job. Main aim of this web application is to make a user friendly platform where, applicant can search jobs easily and is accessible to everyone who are interested. The Purpose of the application is to provide Job portal for Job Seekers, to submit their CV and apply for job, where Employer can select best Employees from available candidate profile.

2. BLOCK DIAGRAM AND WORKING

OSJSP is the open source grid portal providing the web interface to access the Grid resources. This portal is developed for a basic grid system which comprises of heterogeneous geographically distributed clusters. The basic software components encompasses the Grid middleware (Globus Toolkit)[12], Grid meta-scheduler (Gridway)[13], Myproxy server (Credential manager)[17] and Local Resource Management Systems (LRMS) like Portable Batch System (PBS)[18], Torque[20], Sun grid engine or Load Leveler.
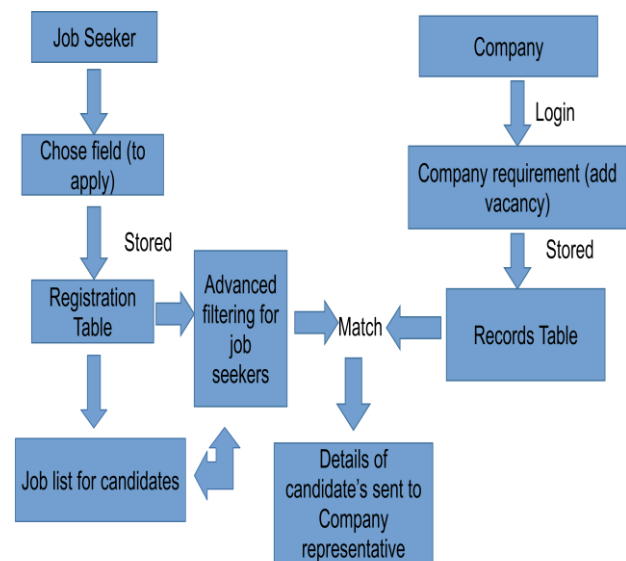

Fig:1 Block Diagram of the system architecture

OSJSP focuses on providing a GUI portlets for job submission, monitoring of computing resources in the Grid environment. As grid are mainly Linux-based, requiring users to be familiar with the UNIX operating system or the usage of

command line interface. Open source job submission portal is a boon to non-UNIX based users by masking the underlying complexities to access the computing resources on the grid environment. According to Gridwise report on Grid Portals [19], gridsphere is the only portal which provides the support for grid.

As far as the project is developed the functionality is simple, the objective of the proposal is to strengthen the functioning of Audit Status Monitoring and make them effective and better. The entire scope has been classified into five streams knows as Coordinator Level, management Level, Auditor Level, User Level and State Web Coordinator Level. The proposed software will cover the information needs with respect to each request of the user group viz. accepting the request, providing vulnerability document report and the current status of the audit.

2.1 Working Of The System

The entire scope has been classified into five streams known as: -

Coordinator Level

(Addressing the information management needs of coordinator)

Management Level

(Addressing the information management needs of management)

Auditor Level

(Addressing the information management needs of auditors)

User Level

(Addressing the information management needs of the user group)

State Web Coordinator level

(Addressing the needs of coordinator of the state)
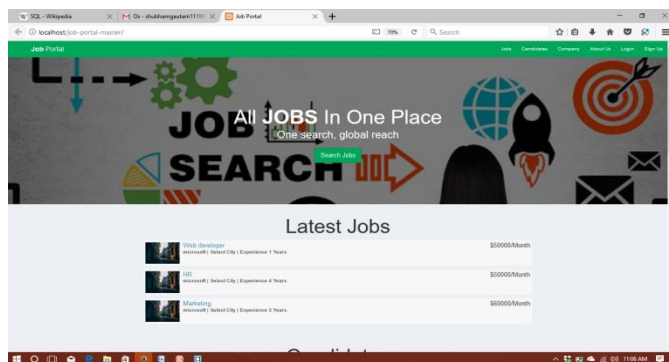
3. PROPOSAD SYSTEM AND ITS FUNCTION

Fig: 2 Job Portal Home Page

3.1Admin

In this module Admin will add all the qualifications, skill, experience, city, state, country and update and delete information about the job provider or job seeker he can also search for the job seeker and he can send mail to offer the job to job seeker and he can also see the jobs add by the job provider.
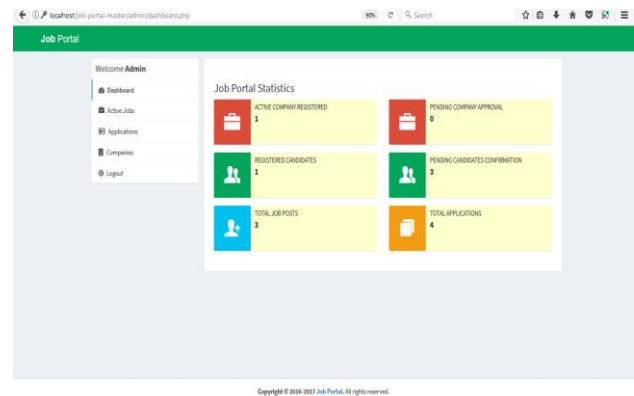

Fig: 3 Admin Page

3.2 Job Seeker

In this module Job Seeker register himself and upload his resume and fill the profile give by admin and after login he will search for the job on various conditions and he can change his profiles and resume and he can apply for the jobs based on various conditions. He can see the response of the company and he can call the company person for the interview.
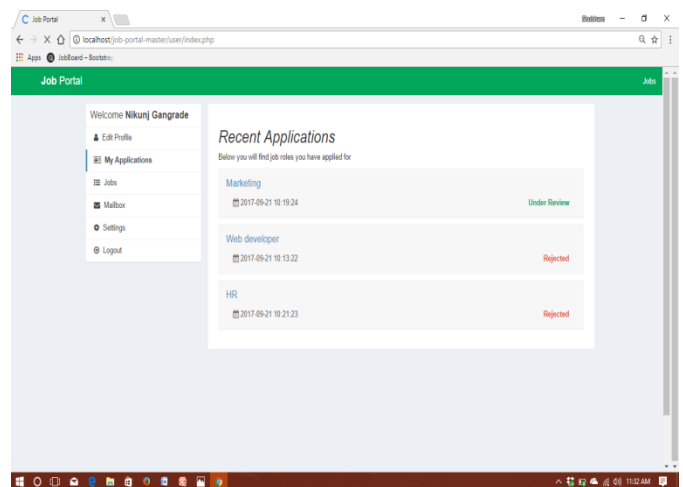

Fig: 4 User Page

3.3 Job Provider

In this module Job Provider register him self and his company and after login he will add new job and he can search for the job seekers on various condition and he can offer the job to

job seeker according to the job profile and he can also see the response from the job seekers and send the mail.
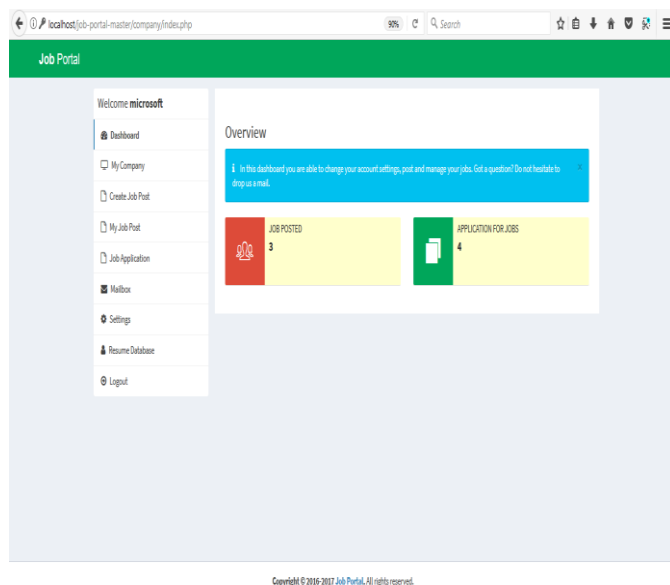

Fig: 5 Company Page

3.4 Notifications

In this module admin and job provider send the notification to the job seeker in the form of email.

3.5 Reports

This module contains all the information about the reports generated by the admin based on the particular job seeker, particular job provider, all job seeker and job provider, all jobs generated by the job providers.

4. SYSTEM TESTING

A strategy for software testing integrates software test case design methods into a well-planned series of steps that result in the successful construction of software. Testing is the set of activities that can be planned in advance and conducted systematically. The underlying motivation of program testing is to affirm software quality with methods that can economically and effectively apply to both strategic to both large and small - scale systems.

4.1 Type of testing

Testing is the process of executing the program with the intent of finding errors.Testing cannot show the absence of defects, it can only show that software errors are present. The testing principles used are:

- Tests are traceable to user requirements.

- 80 percent of errors will likely be traceable to 20 percent of program modules.

- Testing should begin in the small and progress towards testing in the large.

Black Box Testing- Not based on any knowledge of internal designs or code. Tests are based on requirements and functionality.

White Box Testing- Based on the knowledge of the internal logic of an application's code. Tests are based on coverage of code statements, branches, paths and statements.

Unit Testing- The most 'micro' scale of testing; to test particular functions and code modules. Typically done by the programmer and not by the testers, as it requires detailed knowledge of the internal program design and code. Not always easily done unless the application has a well-designed architecture with tight code; may require developing test driver modules or test harnesses.

Integration Testing- Testing of combined parts of an application to determine if they function together correctly. The 'parts' can be code modules, individual applications, client and server applications on a network, etc. This type of testing is especially relevant to client/ server and distributed systems.

Functional Testing- Black-box type testing geared to functional requirements of an application; testers should do this type of testing. This doesn't mean that the programmers shouldn't check that their code works before releasing it.

Regression Testing- Re-testing after fixes or modifications of the software or its environment. It is difficult to determine how much re testing is needed, especially near the end of the development cycle. Automated testing tools can be especially useful for this type of testing.

Acceptance Testing- Final testing based on the specifications of the end user or customer or based on use by end-users/ customers over some limited period of time.

User Acceptance Testing- Determining if software is satisfactory to an end user customer.

5. CONCLUSION

It has been a great pleasure for me to work on this exciting and challenging project. This project proved good for me as it provided practical knowledge of not only programming in web based application and no some extent Windows Application and SQL Server, but also about all handling procedure related with "MULTIFUNCTINAL ONLINE JOB PORTAL". It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently. The project is identified by the merits of the system offered to the user. The merits of

this project are as follows - It's a web-enabled project. This project offers user to enter the data through simple and interactive forms. This is very helpful for the client to enter the desired information through so much simplicity. The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity. Training for simple computer operations is necessary for the users working on the system.

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