



CIAL JOB: Online Government Job Board

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Abstract: In the current environment, every professional field is a rat race. It holds for the workforce as well. A job portal is a website dedicated to providing recruiters and job seekers with online information. A job portal aids in finding the ideal company for potential employees as well. A job portal is a website dedicated to providing recruiters and job seekers with online information. A job portal aids both job seekers and recruiters in finding the ideal company for potential employees. The job site presents job searchers with a selection of organizations based on their educational background, prior work experience, and personal interests. Additionally, it offers recruiters a pool of qualified prospects from which to choose. Age, education level, and gender are just a few of the factors that affect how people hunt for government jobs. This review looks at the relationship between job searchers and job quality as well as job search success. The development of a system that enables communication between employers and applicants is the goal of this application. The goal is to facilitate communication between interested parties and expeditiously conclude the recruitment process.

Keywords: Job portal, Job seekers, Government jobs, government vacancy, employers, Govt. portal, applicants.

I. INTRODUCTION

Every year, millions of people hunt for work. Those who are employed search for new positions to enhance their working environments. After finishing their studies, students begin their career hunt. Those who are unemployed look for jobs after being fired laid off or leaving. After concluding their work as carers, carers require jobs. Most people go on many job searches throughout their lifespan. This paper outlines what is now known empirically regarding the procedure and experience of searching for employment from the job seeker's viewpoint job portal is a website that facilitates the hiring process by bringing together employers and job seekers.

Before the development of the internet, newspaper, and journal advertisements served as the primary means of hiring. Currently, job site advertising is a crucial component of any hiring procedure. It is additionally known as a career portal. It is a trendy moniker for an online job board that benefits job seekers and companies searching for the best prospects. A wide variety of jobs are available on career websites including GlassDoor, Indeed, Naukri, Careerjet, and Shine, which are job portals. Through the website of the organization, candidates may access the employment portals of some public and private organizations, academic institutions, and companies. Direct job offers can be found on a job portal. These are websites that showcase career alternatives or provide advice on how to find work. Most employment sites include links that enable applicants to submit their applications instantly online. A company's website or a direct phone number to the human resources division are examples of supplementary information that is occasionally provided. Candidates can also construct their profiles on job portals by submitting forms with information about their age, education, gender, and area of interest. When a position becomes available, the employer may see the profile. The job search procedure has been streamlined. TimesJob.com is one of today's top job sites. The majority of job portals allow applicants to create a free account that enables them to browse job listings posted by employers and submit their resumes for consideration by those firms. Employers list job vacancies on the employment portal, where job seekers may explore and apply for positions.

II. RELATED WORKIEW

The purpose of the employment portal is to make it easier for both job seekers and employers to find staff for their organizations. Every job seeker may use this internet tool to conduct a real-time search for open positions at any time. After he locates a position, he may submit his application online. By signing up for a membership, checking in, and publishing the job details with the qualifications for the positions, employers may market the open positions. By the use of this software, a direct link is made between the employer and the job applicant. A job seeker can instantly use this site to obtain information about the position's availability and download the necessary documents. He would be able to upload his application and publish walk-in details after he logs into the system since he is aware that these details would be stored by a corporation or be relevant to their field of interest. Other users are greatly assisted by this information in attending the same. The user will also be able to browse a list of businesses and their interest categories wherever a job opening or exam has previously received an application. This enables him/her to decide when a corporation calls and how much time has passed. A registered user will have access to helpful information about the job or exam, which will aid the applicant in getting ready or enrolling according to standards. A recruiter or employer can initially examine some of the data on job applicants. When a recruiter connects to the system, he may post information about walk-ins and newly generated



positions as well as see individual user profiles. He may also view all the applications that were submitted in response to his job post for a specific position. Although Sarkari Naukri is a platform that connects employers and job seekers, the only item available on it is the current job portal, which was created utilizing platform-independent technologies like ASP, PHP, etc. It is not permitted to effectively address the demands of all user types (Job Seekers, Employers, and Administrators), and it does not offer practical procedures like omitting superfluous information to ensure end-user acceptance.

Every work in modern life is quickly becoming a part of daily life thanks to the introduction of new technology. These technologies are used in various industries to boost an organization's productivity and reputation while enhancing the overall system performance. Cial Job is a portal that provides all varieties of government employment, openings, and tests as a result. Recruiters and job seekers may congregate on this single platform under one roof.

III. PROPOSED SYSTEM

The primary goal of this project is to fix some of the issues with the old system. The key issue was a needless delay in generating the essential information due to taking into account all superfluous data. To meet the demands of the various users, it offers an effective approach to transferring information. Both employers and job seekers can use it completely. It is a dedicated career platform designed only for job searchers. It (Cial job) is a central hub for recruiters and job seekers to get information on open positions in all categories of government employment, including those in ministries, departments, PSUs, and other union government entities. It serves as a central hub for information on employment and vocations. The Cial job primarily targets two categories of users.

A. JOBSEEKERS

Find employment, complete the form, and get news and information about exams and your career. Download example papers, look up government job openings, etc.

B. EMPLOYERS

Get immediate access to the most effective hiring tools available today. Post positions, search for openings, screen applicants, and expedite the whole hiring process. It gives the Employer the ability to effortlessly look for the needed individuals. It also enables effective search with dynamic query creation.

Popular openings for job searchers, especially those that fit their gender, age, and qualification requirements, are also listed online along with category-specific openings that help the applicant build his path into the workforce.

C. FEASIBILITY REPORT

Technical Feasibility:

The system is self-explanatory and does not require any further advanced training. The program may also be used very easily by a beginner User because the system was created by focusing on the Graphical User Interface Principles. The System now incorporates capabilities for menu-driven and button interaction, making the user the master as he navigates the environment.

GUI's:

The interface was created in a graphical user interface manner for the user's freedom. The browser is used to apply the standard interface. The top-level GUIs have been classified as:

- 1) Job-Seeker Roles
- 2) Employer Roles
- 3) Guest user capabilities

1) The Jobseeker Roles focus on consistent data that is practically a part of organizational activities and that requires effective identification for data collecting. Certain actions can be taken by this user without registering or entering the application. He can use the website to look for jobs. He can download the accessible information for job searchers. He has access to both the employment details and the walk-in details. Certain actions can only be taken by the job applicant after entering the application. If a jobseeker has to change their password for whatever reason, they may do it independently. He or she can edit and examine the details of his or her profile. He or she can see the specifics of the positions that are offered on Job Street. He/she has access to all walk-in details. The potential employee can update the walk-in information. He/she is capable of making employment applications. Both of them have access to the details of every job application. He or she has the option to upload their data.

2) Certain actions may be completed without logging in thanks to employer roles. He can observe the scant details regarding job searchers. He'll have the ability to download the data. He can see all of the walk-ins' specifics. He has access to all employment



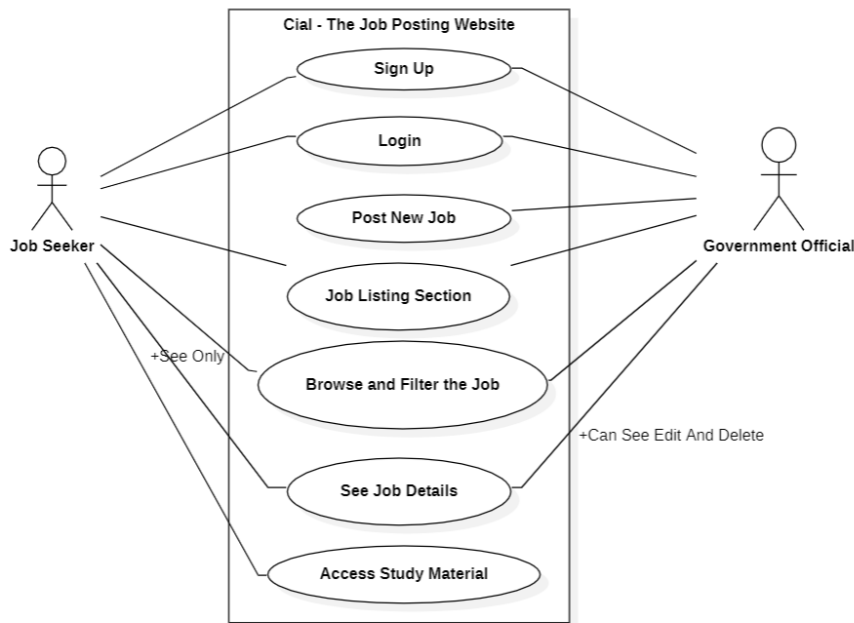
specifics. The specifics of every position, every jobseeker, and every job posting are all accessible to the employer. After logging in, certain tasks are only accessible to the employer. He can modify the password in any circumstance. Both his profile and those of every other jobseeker are visible to the employer. He or she can post for new employment. They may examine all of the available jobs on Job Street's information page. New information about walk-ins can be posted by recruiters. The data may be uploaded by the employer. they have access to the candidate profiles and pertinent data submitted in response to positions they have listed.

3) The Guest User capabilities enable the user to complete various activities independently. He/she can search for employment. The website offers information downloads for visitors. He will have access to all walk-in information. He can browse all of the available jobs on Job Street in detail. He can observe the scant details regarding job searchers. The site's visitor user has the option to register if he so chooses. He will be a job seeker after he registers on the website.

IV. METHODOLOGY:

To connect job searchers with appropriate job opportunities, this research report suggests the creation of a software-based solution. Candidate matching and job tagging systems will be used to find the answer. The job tagging system is going to be developed to extract pertinent data from employment news weekly job listings, including the organization, age requirements, minimum educational requirement, experience necessary, income, location of posting, and the field of work (administrative, technical, law, data entry, etc.). The system will extract this information will be extracted by the system using methods of natural language processing, and it will be saved in an organized way. Based on applicants' credentials, experience, and interests, the candidate matching system will be created to pair them with appropriate job vacancies. The system will employ machine learning algorithms to examine the data provided by job applicants, including their age, educational background, interests, and experience, as well as their state and district of residence, willingness to relocate outside of their state of residence, and prior government experience. To find relevant employment vacancies, the algorithm will also take into account the data gleaned from job ads in Employment News Weekly.

V. USECASE DIAGRAM



VI. TYPE OF MODULES

Python and Django are two of the languages used in the program. Django's main objective is to make complicated database-driven websites simple to use. Also, it is built on the MVT architecture, which shows model view templates. Following a thorough study, it was determined that the program presented itself with the following modules:



Job Street Module: This module offers a user interface for adding new jobs to Job Street. This module covers features like job posting and walk-in information. Also, this module has job search capabilities, which are quite useful for people looking for work. Furthermore, offers the option to filter the available positions based on criteria like location, experience, and functional area. There is also a keyword search option. The user can filter the outcomes. This search engine generates precise results using Dynamic Queries. This module also includes functionality that enables registered job searchers to apply for the chosen positions. This filter enables you to examine a specific position and aids recruiters in updating and deleting data.

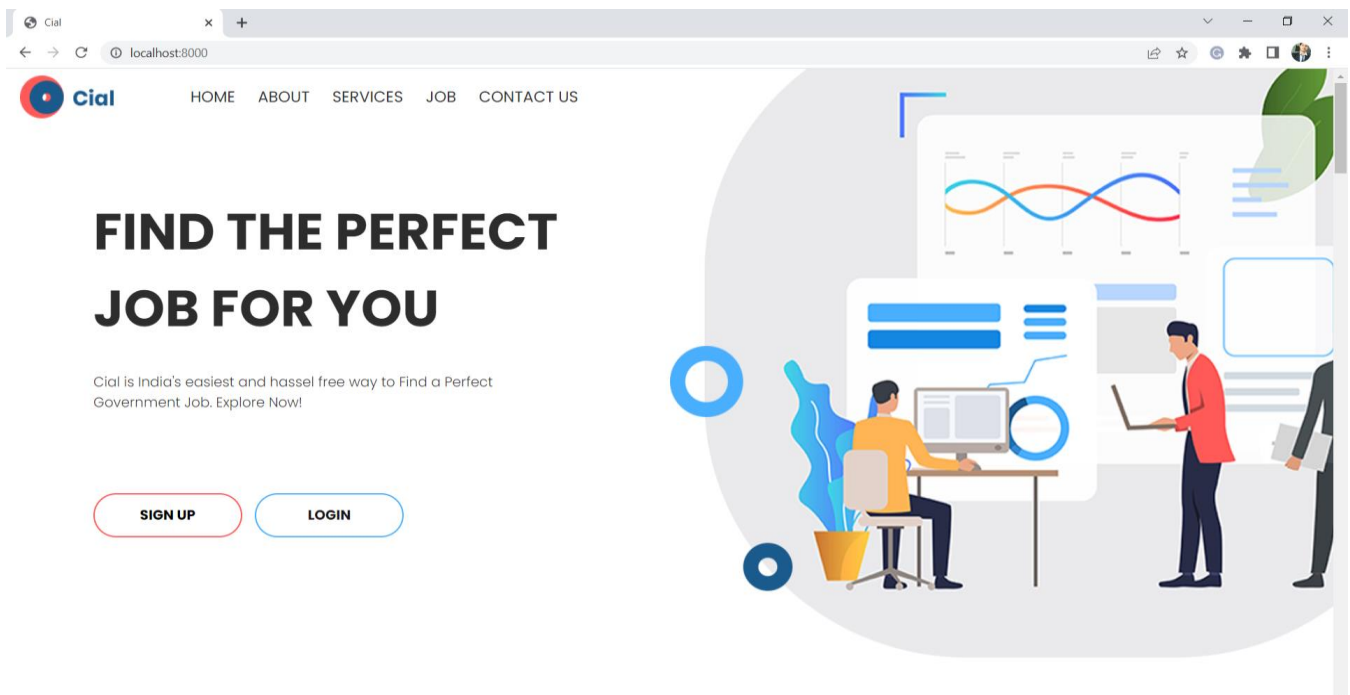
Accounts and profile Module: This module handles user registration, profile generation, and information uploading. enables users to modify their admin and candidate profiles and update their personal information. Those who have registered may log in to see and amend their profiles. Also, this module aids in maintaining their profiles and associated data.

Uploads and Downloads module: This module offers users access to online courses, eBooks, papers, and other helpful content. Moreover, it enables logged-in users to post material to the server. The data is safely stored in this module to prevent unwanted file access. The user may upload any of the following into this module: their information into the form, eBooks, and example papers to download, tutors to discover, and all the information. The aforementioned data may only be uploaded by registered users. A notice such as "We are not permitted" will appear if not. The applicant has access to online lectures and the ability to provide and see comments.

VII. RESULT AND ANALYSIS

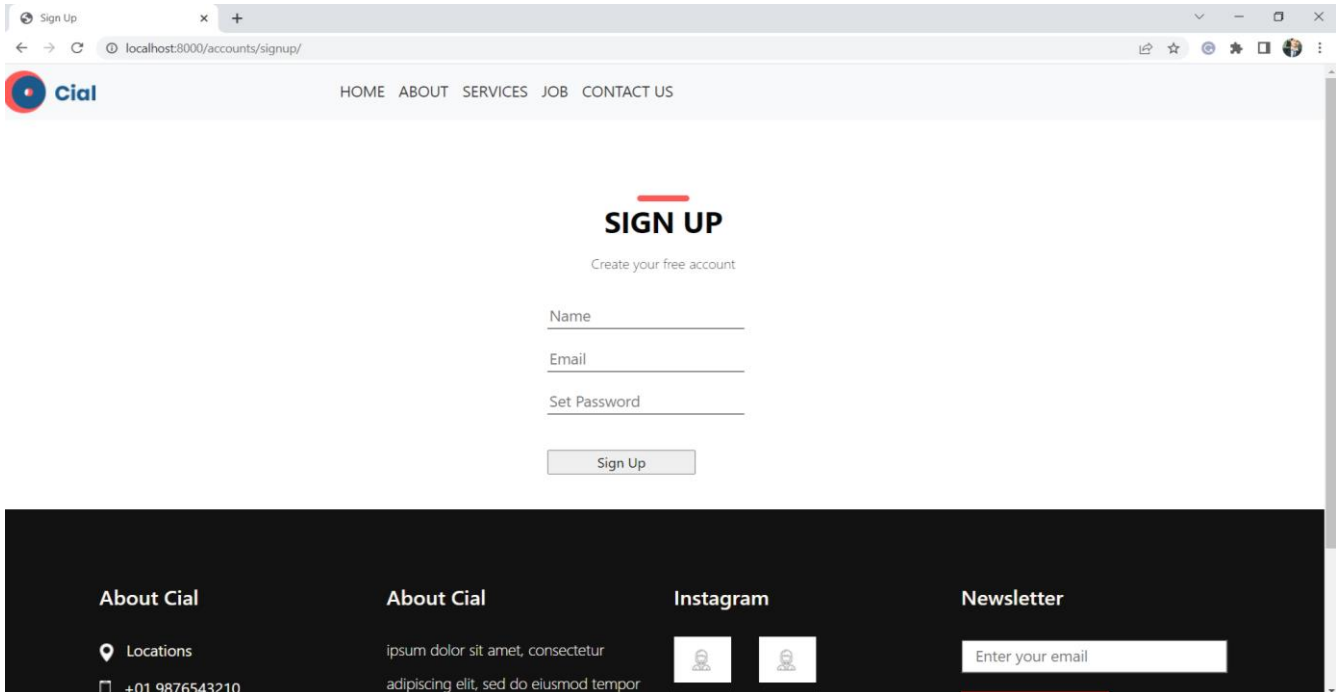
The software-based approach put forward in this research study is anticipated to increase both the effectiveness of government organizations and job seekers' recruiting processes. The solution seeks to minimize the time and effort required for job seeking and provide a more effective and efficient recruiting process by matching job searchers with appropriate job opportunities using machine learning algorithms. Moreover, the system will offer a one-stop shop for recruiters and job searchers, expediting the application procedure and lessening the administrative strain on recruiters.

A. Home Page

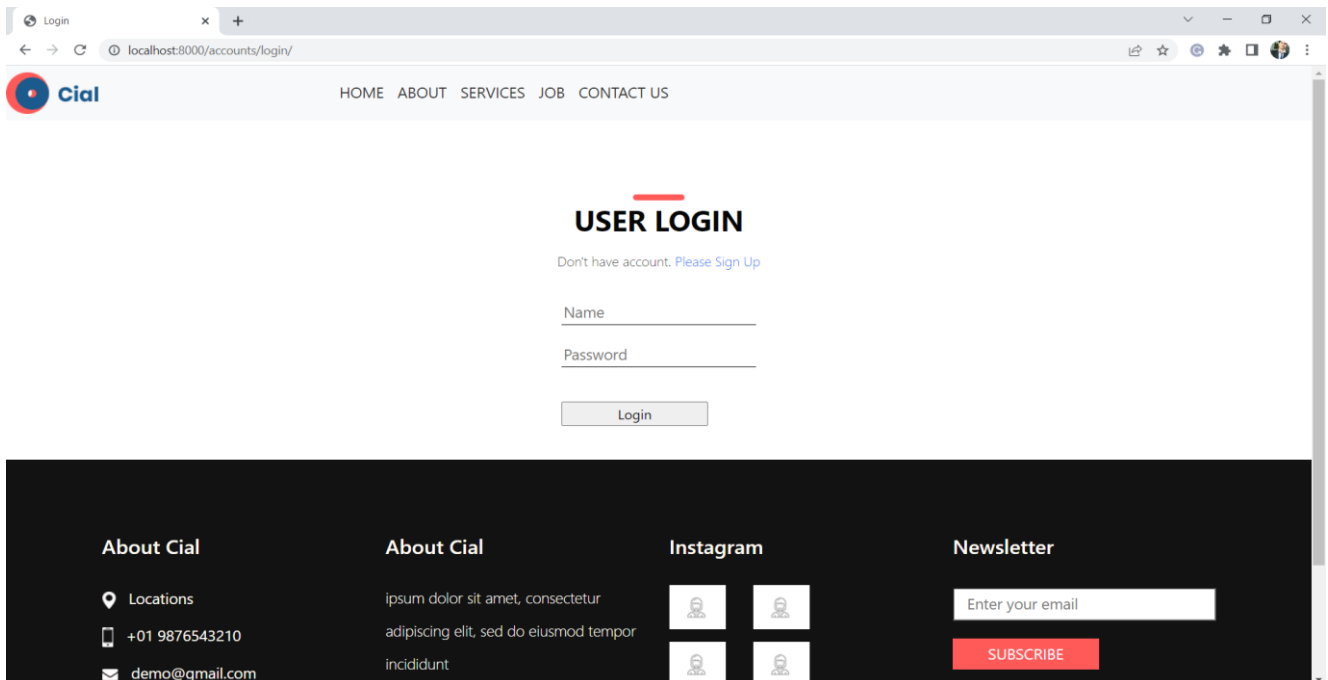




B. Sign Up Page



C. Login Page





D. Create Job Post

Create Job Post

localhost:8000/jobs/create-job/

Cial HOME ABOUT SERVICES POST JOB JOB

CREATE JOB POST

Please Enter The Detail for the Job You want to Post

Organization	<input type="text" value="Enter Ogaization Name"/>
Post Name	<input type="text" value="Enter Post Name"/>
Total Post	<input type="text" value="Enter Total Post"/>
Job Location	<input type="text" value="Enter Job Location"/>
Official Website	<input type="text" value="Enter official Website"/>
Qualification	<input type="text" value="Enter Qualification"/>
Age Limit	<input type="text" value="Enter Age Limit"/>
Gender	<input type="text" value="Enter Gender"/>
image	<input type="button" value="Choose File"/> No file chosen
Vacancy Details	<input type="text" value="Vacancy Details"/>

About Cial

Locations
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 demo@gmail.com

About Cial

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Instagram

Newsletter

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E. DEPARTMENT CATEGORIES



EXPLORE BY CATEGORY

- HPSC PGT
- RAJ High Court
- NDA
- SHSB ANM
- IMA Dehradun
- Airforce
- SSC Stenographer
- CAPF (AC)
- CAPF ACs
- IBPS
- KARTET
- HPSCB
- Territorial Army
- SSC CHSL
- CSB

F. JOB LIST

JOB LISTING

- School (K-12)
- Undergrad Entrance Exam
- Forest Guard

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Indian Army Recruitment 2023 - Apply Online for Agniveer Vacancies
All Over India Full Time [Know More](#)

[Browse More Jobs](#)



G. JOB DESCRIPTION

The screenshot shows a web browser window displaying a job listing on the Cial website. The browser address bar shows the URL: localhost:8000/jobs/specific-job?PN=Indian%20Army%20Recruitment%202023%20-%20Apply%20Online%20for%20Agniveer%20Vacancies. The website header includes the Cial logo and navigation links: HOME, ABOUT, SERVICES, JOB, CONTACT US. The main heading is "JOB LISTING".

Post Name Indian Army Recruitment 2023 - Apply Online for Agniveer Vacancies
Organization Indian Army
Total Post 3000
Job Location All Over India
Official Website <https://joinindianarmy.nic.in>
Qualification 10th, 12th, 8th
Age Limit 18 - 40
Gender All

Vacancy Details
 Interested and eligible candidates can able to apply for the job notification from 16/02/2023 to 15/03/2023. The selected candidates will be placed All Over India. For this notification, the Indian Army recruits candidates by online mode only. The Indian Army online application link will be available on the official website only. Aspirants are requested to fill out the Indian Army online application form 2023 by online. The online application form will be available on the official website only.

VIII. CONCLUSION

To connect job searchers with appropriate job vacancies in the Employment News Weekly, this research study suggests the creation of a software-based solution. The remedy attempts to increase the effectiveness and precision of job openings. This article's study focuses on identifying the utility of job portals, figuring out why people use them, figuring out how much people are aware of them, and identifying the benefits that people believe they offer. Job portals are helpful for students who have completed their undergrad since they make it simple for them to apply in less time and receive vast.

IX. REFERENCE

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