

ROJGARIT :IT JOB PLACEMEN COORDINATOR NAVIGATING THE IT JOB MARKET

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Abstract : RojgarIT is a comprehensive IT job portal system facilitating interaction between job seekers and IT companies. Job portals in India are websites where a company can promote their job postings in search of a candidate, or a candidate can apply to find the right job. Job portals are integral to all hiring processes, and using them effectively ensures adequate results. It can help you find the right candidate and the right job. As an employer, your goal is to fill your company with the best people. Using a job portal in your hiring process makes it easier for you to select the best applicant for the job. With this, you'll have a list of applicants with your required skills, achievements, and experience. The system developed for job seeker and recruiter, The system provide intermediate place for job seeker and IT company. RojgarIT serves as a bridge between students seeking opportunities in the IT sector and companies looking to recruit talented individuals. It aims to provide a user-friendly and efficient platform for students to explore job and internship opportunities, interact with companies, and kick-start their careers in the IT industry. **User Registration and Profiles:** Job seekers and IT companies can register on the platform and create profiles. Job seekers can add their skills, experience, education, and other relevant information, while companies can provide details about their organization, job openings, and requirements. **Job Search and Listings:** Job seekers can search for IT job listings based on criteria such as location, job title, skills required, experience level, and salary range. The platform provides a comprehensive database of job opportunities in the IT industry. **Resume/CV Upload and Management:** Job seekers can upload their resumes or CVs to their profiles, making it easier for recruiters to review their qualifications. They can also manage and update their resumes as needed. **Application Management:** Job seekers can apply to job listings directly through the platform. They can track the status of their applications and receive notifications about any updates or communication from recruiters. **Recruitment Tools for Companies:** IT companies can post job listings on the platform, specifying job descriptions, requirements, and other details. They can also search and filter through the database of job seeker profiles to find suitable candidates for their job openings.

Index term : C#, ASP.NET, HTML5, CSS, ChatGPT, AI Tools, SQL,

Introduction

The online Rojgaar IT job portal system is a platform between job seeker(student) and job provider(company). The Student or Job seeker can easily find and apply for job by login into system. The Employer or company can easily get expert employee from our job portal site by posting a job. The job portal website is a common place between job seeker and company.

When job seeker can login in his account then he can get notification of IT company lists which match with his profile or education detail. so job seeker can easily apply to this job and he can also send message to company for other inquiry **Web-Based Application:** The system is accessible through a web browser, making it convenient for users to access from anywhere with an internet connection. **ASP.Net with C# Frontend:** The frontend of the application is developed using ASP.Net framework with C# as the programming language. This ensures a dynamic and interactive user interface. **SQL Server Backend:** The backend of the application is powered by SQL Server, providing a robust and scalable database management

system to store and manage vast amounts of data related to job seekers, job listings, and company profiles. **User Roles:** The system caters to two main user roles: job seekers and recruiters. Each role has distinct functionalities tailored to their needs. **Job Seeker Features:** Ability to create and manage a profile showcasing their skills, experience, and qualifications. Browse job listings based on various criteria such as location, job title, and skills required. Apply to job postings directly through the platform. Receive notifications about new job opportunities matching their profile. **Recruiter Features:** Post job listings specifying job requirements, responsibilities, and company details. Search and filter through the database of job seeker profiles to find suitable candidates.

Communicate with job seekers directly through the platform, schedule interviews, and manage the recruitment process. **Intermediary Platform:** The system serves as an intermediary platform connecting job seekers with IT companies, facilitating the job search and recruitment process for both parties. **Security Features:** Implement security measures to protect user data and ensure privacy and confidentiality. **Search and Filtering:** Provide advanced search and filtering capabilities to help users narrow down their job search or candidate search based on specific criteria. **Notifications:** Implement a notification system to keep users informed about relevant updates such as new job postings, application status, or messages from recruiters. **Responsive Design:** Ensure the application is responsive and optimized for various devices including desktops, tablets, and smartphones, enhancing accessibility for users. Overall, the Rojgaar IT Job Portal System aims to streamline the process of job searching and recruitment within the IT industry, providing a user-friendly platform for both job seekers and recruiters to connect and fulfill their respective needs. **Web-Based Application:** The system is accessible through a web browser, making it convenient for users to access from anywhere with an internet connection. **ASP.Net with C# Frontend:** The frontend of the application is developed using ASP.Net framework with C# as the programming language. This ensures a dynamic and interactive user interface. **SQL Server Backend:** The backend of the application is powered by SQL Server, providing a robust and scalable database management system to store and manage vast amounts of data related to job seekers, job listings, and company profiles. **User Roles:** The system caters to two main user roles: job seekers and recruiters. Each role has distinct functionalities tailored to their needs. **Job Seeker Features:** Ability to create and manage a profile showcasing their skills, experience, and qualifications. Browse job listings based on various criteria such as location, job title, and skills required. Apply to job postings directly through the platform. Receive notifications about new job opportunities matching their profile. **Recruiter Features:** Post job listings specifying job requirements, responsibilities, and company details. Search and filter through the database of job seeker profiles to find suitable candidates. Communicate with job seekers directly through the platform, schedule interviews, and manage the recruitment process. **Intermediary Platform:** The system serves as an intermediary platform connecting job seekers with IT companies, facilitating the job search and recruitment process for both parties. **Security Features:** Implement security measures to protect user data and ensure privacy and confidentiality. **Search and Filtering:** Provide advanced search and filtering capabilities to help users narrow down their job search or candidate search based on specific criteria. **Notifications:** Implement a notification system to keep users informed about relevant updates such as new job postings, application status, or messages from recruiters. **Responsive Design:** Ensure the application is responsive and optimized for various devices including desktops, tablets, and smartphones, enhancing accessibility for users. Overall, the Rojgaar IT Job Portal System aims to streamline the process of job searching and recruitment within the IT industry, providing a user-friendly platform for both job seekers and recruiters to connect and fulfill their respective needs.

I. Related work

RojgarIT, as an online job portal, plays a vital role in the Indian job market by connecting IT companies with talented professionals and helping job seekers find suitable employment opportunities. Here's how RojgarIT contributes to the

hiring process and facilitates job search in India:**Job Postings:** RojgarIT allows IT companies to promote their job openings to a large pool of potential candidates. Employers can create detailed job postings specifying job roles, responsibilities, qualifications, and other essential details to attract suitable applicants.**Candidate Search:** Job seekers can explore the RojgarIT portal to discover a wide range of IT job opportunities tailored to their skills, experience, and preferences. They can use advanced search filters to refine their job search based on criteria such as location, experience level, job type, and specific skills.**Resume Upload:** RojgarIT enables job seekers to create profiles and upload their resumes to showcase their qualifications, experiences, and skills to potential employers. This feature allows candidates to present themselves effectively and increases their visibility to recruiters browsing the platform for talent.**Employer Profiles:** Employers can create detailed profiles on RojgarIT to provide insights into their company culture, values, mission, and available career opportunities. This information helps job seekers evaluate potential employers and make informed decisions when applying for jobs.**Job Application Process:** RojgarIT facilitates the job application process by providing a seamless and user-friendly interface for candidates to apply to job postings directly through the portal. This simplifies the application process and streamlines communication between candidates and employers.**Communication and Notifications:** RojgarIT enables real-time communication between employers and candidates through messaging features, allowing them to exchange information, schedule interviews, and discuss job opportunities efficiently. Additionally, the platform sends notifications to candidates about new job openings, application status updates, and other relevant information.**Career Resources:** RojgarIT may offer additional resources such as career advice, interview tips, resume writing guidance, and skill development opportunities to support job seekers in their career advancement journey.Overall, RojgarIT serves as a valuable platform for both employers and job seekers in India's IT industry, facilitating efficient hiring processes, promoting job visibility, and fostering connections between t

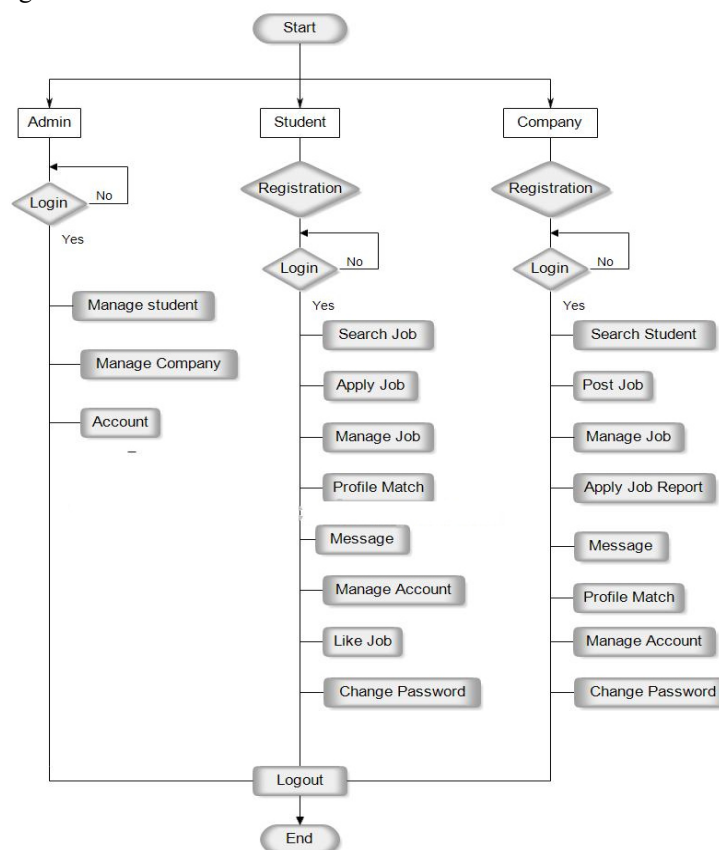


Fig 1: flow chart System Architecture

III.PROPOSED WORK

The aim of proposed system is to develop a system of improved facilities the system is very simple in design and to implement. The system requires very low system resources. The system provides proper security and reduces the manual work. **Simplicity in Design and Implementation:** The system is designed

to be straightforward in both design and implementation, ensuring ease of use for both administrators and end-users. **Low System Resource Requirement:** By using minimal system resources, the system can operate smoothly without putting a heavy burden on the hardware infrastructure, making it accessible to a wider range of users. **Enhanced Security Measures:** Proper security measures are implemented to safeguard sensitive data and ensure that only authorized users have access to relevant information. This helps protect the integrity and confidentiality of the system. **Reduced Manual Work:** Automation of various processes reduces the need for manual intervention, thereby saving time and effort for users. This leads to increased efficiency and productivity within the organization.

Minimum Processing Time: The system is optimized to minimize processing time for various tasks, ensuring swift execution of operations and timely delivery of results. **Control for Higher Officials:** The system provides proper control mechanisms for higher officials, allowing them to oversee and manage critical aspects of the system effectively. This ensures accountability and transparency in decision-making processes. **Front-end and Back-end Technologies:** The front-end of the system is developed using Visual Basic 6.0 (VB 6.0), providing a user-friendly interface for interacting with the system. The back-end utilizes MS Access, offering a reliable database management system for storing and retrieving data efficiently. **Easy Record Maintenance:** The system simplifies record maintenance tasks, allowing users to easily add, update, retrieve, and delete records as needed. This ensures that data is organized and readily accessible whenever required.

IV. PERFORMANCE EVALUATION

Connecting job seekers with suitable employment opportunities: Job portals serve as a bridge between job seekers and employers, allowing individuals to explore a wide range of job opportunities based on their skills, qualifications, and preferences. This connectivity enhances job seekers' chances of finding suitable employment that aligns with their career goals. Providing a platform for employers to post job listings and reach a wider pool of job applicants: For employers, job portals offer a convenient platform to advertise job openings and attract potential candidates. This broader reach increases the visibility of job listings, thereby attracting a diverse pool of applicants with varied backgrounds and experiences. Improving the efficiency and speed of the job search and recruitment process: Job portals streamline the job search and recruitment process for both job seekers and employers. Through advanced search filters and algorithms, job seekers can quickly find relevant job listings that match their criteria. Similarly, employers can efficiently screen and manage applications, leading to a faster hiring process.

V. RESULTS AND DISCUSSION

In a "Results and Discussion" section for Rojgaar, you'd typically present and analyze the outcomes of implementing the job portal system. Here's how you might structure it: **Usage Statistics :** Provide quantitative data on the usage of the Rojgaar platform, including metrics such as the number of registered users (both job seekers and companies), the frequency of job postings, and the volume of job applications submitted through the platform. **User Engagement:** Discuss user engagement metrics, such as the average time spent on the platform per session, the frequency of logins, and any patterns observed in user activity over time. Highlight any features or functionalities that have particularly high user engagement. **Effectiveness in Job Matching:** Evaluate the effectiveness of the platform in matching job seekers with suitable job opportunities. Discuss metrics such as the number of successful job placements facilitated through Rojgaar and any feedback received from users regarding the relevance of job listings. **Recruitment Efficiency:** Assess the efficiency of the platform in facilitating the recruitment process for companies.

Analyze metrics such as the time taken to fill job vacancies, the number of qualified candidates sourced through Rojgaar, and any cost savings realized by companies through the platform. **Impact on Career Development:** Discuss the impact of Rojgaar on the career development of job seekers, including any success stories or testimonials from users who have found employment opportunities through the platform. Highlight how Rojgaar has contributed to advancing the careers of its users in the IT sector. **User Satisfaction and Feedback :** Present feedback and satisfaction data gathered from users of the Rojgaar platform. Include

both qualitative feedback, such as user testimonials and reviews, as well as quantitative data from user satisfaction surveys or ratings. Challenges and Limitations: Acknowledge any challenges or limitations encountered during the implementation and operation of the Rojgaar platform. Discuss how these challenges were addressed and any lessons learned for future improvements. Future Directions: Provide insights into future developments and enhancements planned for the Rojgaar platform. Discuss potential features or functionalities that could be added to further improve the user experience and the effectiveness of the platform in connecting job seekers with employment opportunities in the IT sector. By presenting and discussing these results, you can provide a comprehensive overview of the performance and impact of the Rojgaar job portal system, as well as insights into areas for further improvement and development.

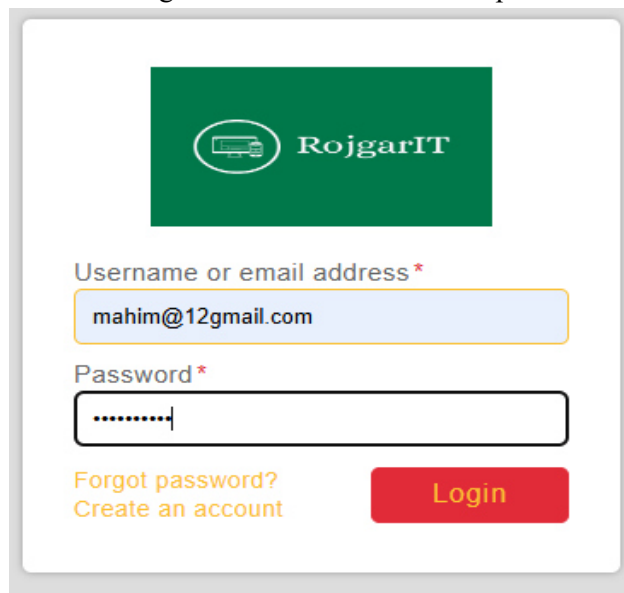


Fig 2: screenshot of login page

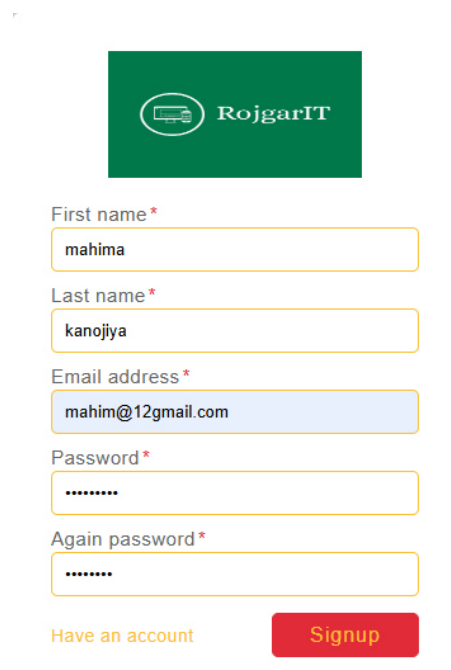


Fig 3: screenshot of Registration Page

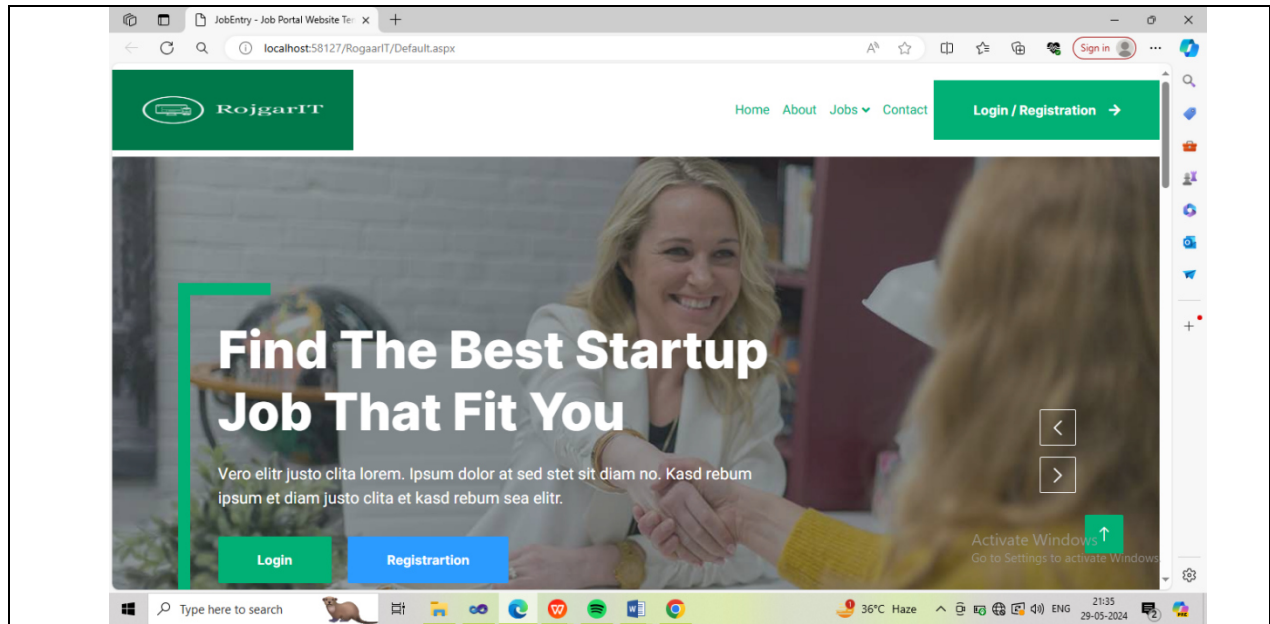


Fig 4: Screenshot of Dashboard

VI. CONCLUSION

In conclusion, RojgarIT is an online job portal designed to facilitate employment opportunities specifically within the IT sector. It serves as a platform for job seekers to access a wide range of IT-related job listings, upload their resumes, and connect with potential employers. With tailored job search filters and comprehensive employer profiles, RojgarIT offers a user-friendly experience tailored to the needs of both job seekers and employers in the IT industry. By providing a centralized hub for IT job opportunities, RojgarIT aims to streamline the job search process and bridge the gap between talented professionals and leading IT companies, ultimately contributing to the growth and development of the IT workforce.

VII. REFERENCES

- [1] Ali, A. 2001. Macroeconomic variables as common pervasive risk factors and the empirical content of the Arbitrage Pricing Theory. *Journal of Empirical finance*, 5(3): 221–240.
- [2] Basu, S. 1997. The Investment Performance of Common Stocks in Relation to their Price to Earnings Ratio: A Test of the Efficient Markets Hypothesis. *Journal of Finance*, 33(3): 663-682.
- [3] Bhatti, U. and Hanif. M. 2010. Validity of Capital Assets Pricing Model. Evidence from KSE-Pakistan. *European Journal of Economics, Finance and Administrative Science*, 3 (20).
- [4] Learning Management System Technologies and Software Solutions for Online Teaching: Tools and Applications by Lawrence A. Tomei.
- [5] Albliwi, S., Antony, J. and Lim, S.A. (2015), "A systematic review of Lean Six Sigma for the manufacturing industry", *Business Process Management Journal*, Vol. 21 No. 3, pp. 665-691.
- [6] Agus, A., Barker, S., & Kandampully, J. (2007). An exploratory study of service quality in the Malaysian public service sector. *International Journal of Quality & Reliability Management*, 24(2), 177-190. doi: <http://dx.doi.org/10.1108/02656710710722284>
- [7] Aladwani, A. N'I., & Palvia, P C. (2002). 'Developing and validating an instrument for measuring user-perceived web quality'. *Management*, 39(6), 467-476.



- [8] Usha Kosarkar, Gopal Sakarkar, Shilpa Gedam (2022), “An Analytical Perspective on Various Deep Learning Techniques for Deepfake Detection”, 1st International Conference on Artificial Intelligence and Big Data Analytics (ICAIBDA), 10th & 11th June 2022, 2456-3463, Volume 7, PP. 25-30, <https://doi.org/10.46335/IJIES.2022.7.8.5>
- [9] Usha Kosarkar, Gopal Sakarkar, Shilpa Gedam (2022), “Revealing and Classification of Deepfakes Videos Images using a Customized Convolution Neural Network Model”, International Conference on Machine Learning and Data Engineering (ICMLDE), 7th & 8th September 2022, 2636-2652, Volume 218, PP. 2636-2652, <https://doi.org/10.1016/j.procs.2023.01.237>
- [10] Usha Kosarkar, Gopal Sakarkar (2023), “Unmasking Deep Fakes: Advancements, Challenges, and Ethical Considerations”, 4th International Conference on Electrical and Electronics Engineering (ICEEE), 19th & 20th August 2023, 978-981-99-8661-3, Volume 1115, PP. 249-262, https://doi.org/10.1007/978-981-99-8661-3_19
- [11] Usha Kosarkar, Gopal Sakarkar, Shilpa Gedam (2021), “Deepfakes, a threat to society”, International Journal of Scientific Research in Science and Technology (IJSRST), 13th October 2021, 2395-602X, Volume 9, Issue 6, PP. 1132-1140, <https://ijsrst.com/IJSRST219682>
- [12] Usha Kosarkar, Gopal Sakarkar (2024), “Design an efficient VARMA LSTM GRU model for identification of deep-fake images via dynamic window-based spatio-temporal analysis”, International Journal of Multimedia Tools and Applications, 8 th May 2024, <https://doi.org/10.1007/s11042-024-19220-w>