EASY JOBS PORTAL

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Abstract: Easy is a user-friendly, web-based job portal connecting job seekers and recruiters through a secure platform. It supports three roles: job seekers, recruiters, and administrators. Job seekers can create profiles, upload resumes, search and apply for jobs, and receive personalized recommendations. Recruiters can post jobs, manage applications, shortlist candidates, and communicate via messaging. Administrators ensure platform integrity by verifying users, monitoring activity, and blocking suspicious accounts. Built with modern technologies, Easy offers responsive design, real-time notifications, and strong data protection. The platform streamlines hiring, reduces time-to-hire, and enhances employment opportunities through an efficient, centralized recruitment system.

Keywords: Java, Spring Boot, MySQL, HTML, CSS, RESTful APIs, job Seeker, recruiter,Admin.

1.INTRODUCTION

In today's digital era, recruitment has shifted from traditional methods to faster, more accessible online solutions. Yet, many existing platforms lack usability, data authenticity, and user engagement. Easy Jobs addresses these challenges as a modern, web-based job portal designed to enhance the recruitment experience for job seekers, recruiters, and administrators. Job seekers can search and apply for jobs, and manage their profiles, while recruiters can post openings, screen applicants, and track hiring. Administrators ensure platform integrity by verifying users and monitoring activity. Built on principles of usability, security, and efficiency, Easy Jobs features a clean interface, responsive design, job alerts, and application tracking. Secure backend systems protect user data and prevent misuse.

2.LITERATURE SURVEY

1.Kumar and Bhatia (2019) examined widely used job portals and criticized their reliance on basic keyword-matching algorithms rather than contextual or profile-based approaches. This limitation often leads to poor-quality job recommendations, causing user dissatisfaction. They emphasized the need for intelligent filtering systems to improve matching accuracy .

2.Jain et al. (2020) highlighted the growing presence of fraudulent job postings and fake employer accounts. Their study recommended the implementation of strict user verification protocols and the introduction of administrative oversight to foster a safe and credible recruitment environment.

3.Sharma and Desai (2018) investigated usability challenges in developing regions and found that cluttered interfaces and non-responsive designs negatively impact user engagement. Their findings support the adoption of clean, responsive interfaces—a core feature of Easy Jobs.

4.Patel and Reddy (2021) emphasized the importance of integrated systems that streamline the recruitment process from end to end. They concluded that platforms with tools like application tracking, communication features, and administrative controls improve efficiency and transparency.

5.Singh and Thomas (2020) explored issues related to trust and data privacy in online recruitment. They advocated for role-based access control and encrypted communication to ensure user data protection—elements integrated into Easy Jobs' architecture.

Lim et al. (2022) studied the benefits of real-time communication in recruitment, concluding that tools like integrated chat systems enhance responsiveness and decision-making speed in the hiring process.

Bansal and Arora (2023) proposed a modular design for job portals, enabling dynamic functionality expansion. Their work supports Easy Jobs' scalable framework, which can evolve to include advanced features like AI-based recommendations and real-time analytics .

3.PROPOSED SYSTEM

Easy Jobs is a web-based job portal developed with Spring Boot to streamline recruitment by connecting job seekers, recruiters, and administrators on a secure, scalable platform. It offers role-specific features: job seekers can manage profiles, apply for jobs, and get personalized recommendations; recruiters can post jobs, manage applications, and communicate with candidates; administrators ensure security and verify users. The system uses Spring Security for robust access control, MySQL for data storage, and supports REST APIs, real-time notifications, and responsive design. Easy Jobs improves user experience and trust by addressing common limitations in existing job portals through modern, efficient features.

Job Seeker Module

Job seekers register using their name, email, phone, NID, and password. After login, they can view all job listings, filter by category (e.g., IT/Non-IT), upload CVs in PDF format, and apply for jobs with auto-filled contact details**.**

Job Recruiter Module

Recruiters register with their name, company info, TIN, and job role. From their dashboard, they can post jobs, view applicants, and access

Admin Module

Admins oversee platform activity, manage user lists, and maintain security. They can monitor, block, or unblock users to ensure compliance and trust.

Technologies Used:

- **Backend:** Java, Spring Boot, Spring Security, Hibernate/JPA
- **Frontend:** HTML, CSS, JavaScript, Thymeleaf (or can be Angular/React if using REST APIs)
- **Database:** MySQL or PostgreSQL
- **APIs:** RESTful services for modularity and integration
- **Deployment:** Can be hosted on a local server or cloud (e.g., AWS, Heroku)

System Advantages:

- Scalable microservice architecture using Spring Boot.
- Clean, user-friendly interface with responsive design.
- Efficient job-candidate matching and filtering.
- Secure login and role management for different user types.
- Easily extendable for future integration with third-party job feeds or social networks.

Advantages of the Proposed System

Role-Based Access – Users (job seekers, recruiters, admins) access only features relevant to their roles, improving security and usability.

Modern Stack – Built with Spring Boot and REST APIs for fast development and easy integration.

Strong Security – Spring Security ensures safe login, access control, and protection from common threats.

Efficient Data Storage – MySQL manages structured data for smooth performance and scalability.

Secure File Uploads – Resumes are stored safely and accessed only by authorized users.

4.OUTPUT SCREENSHOTS

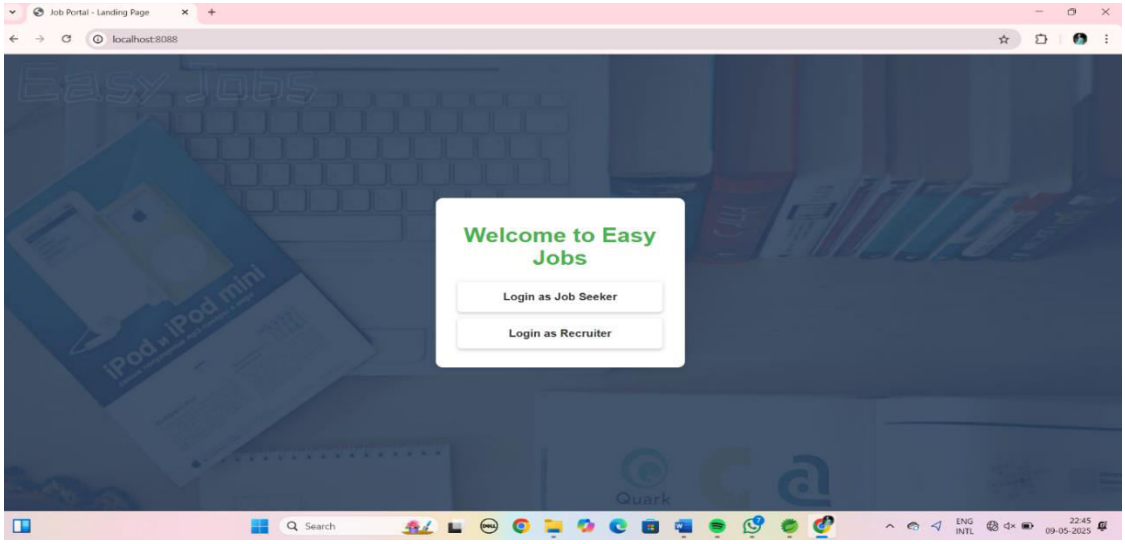

Fig 4.1.Landing Page

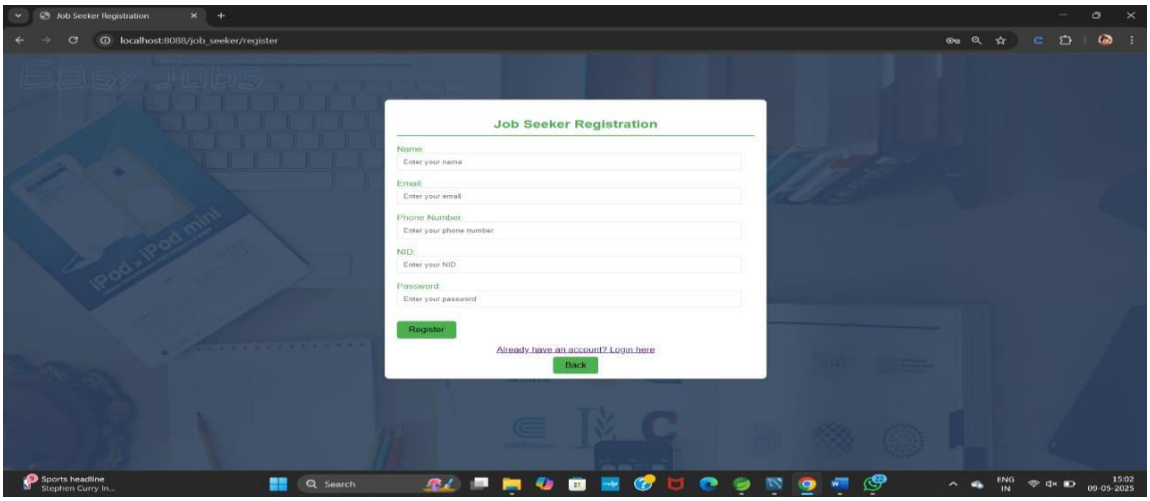

Fig 4.2.job seeker registration page

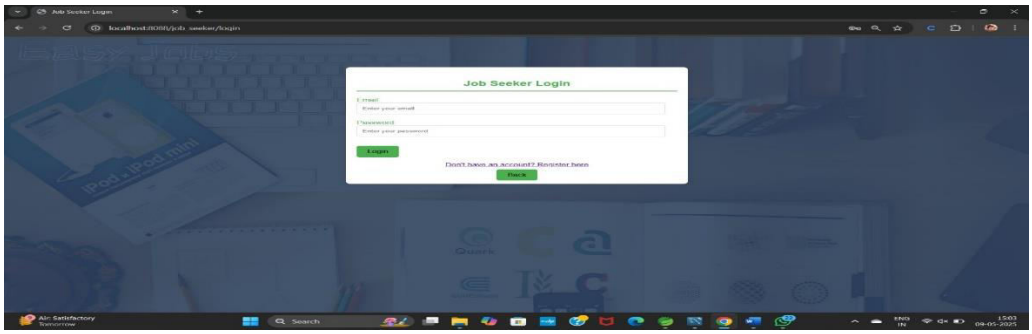

Fig 4.3.Job Seeker Login Page

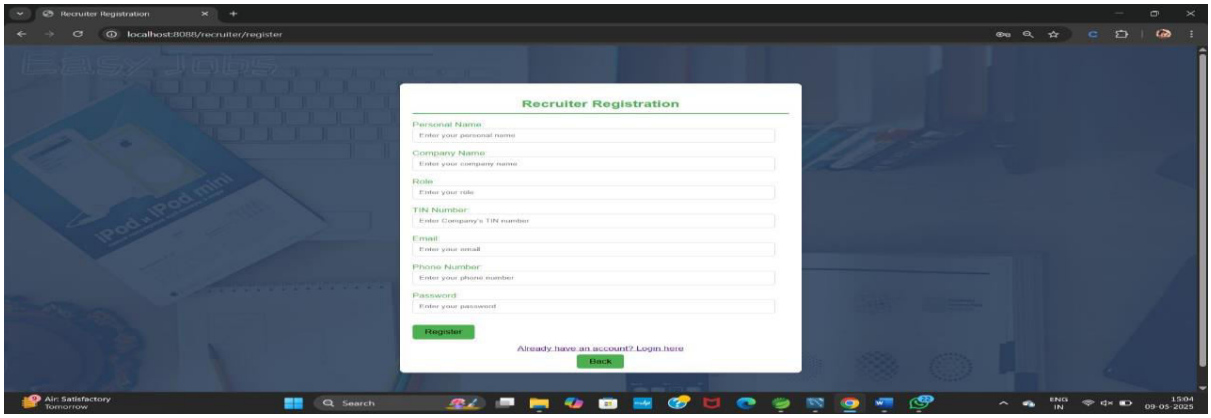

Fig 4.4.Recruiter Registration page

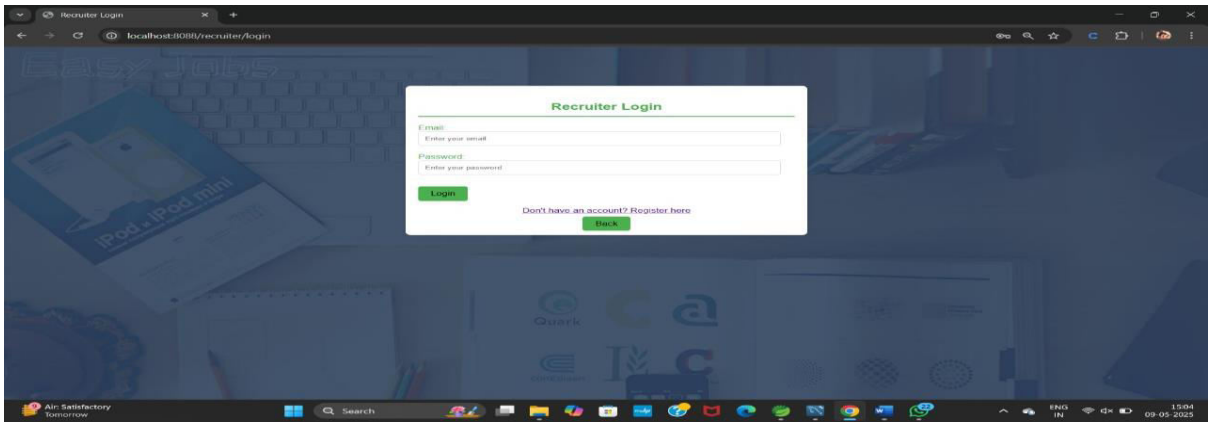

Fig 4.4.Recruiter Login Page

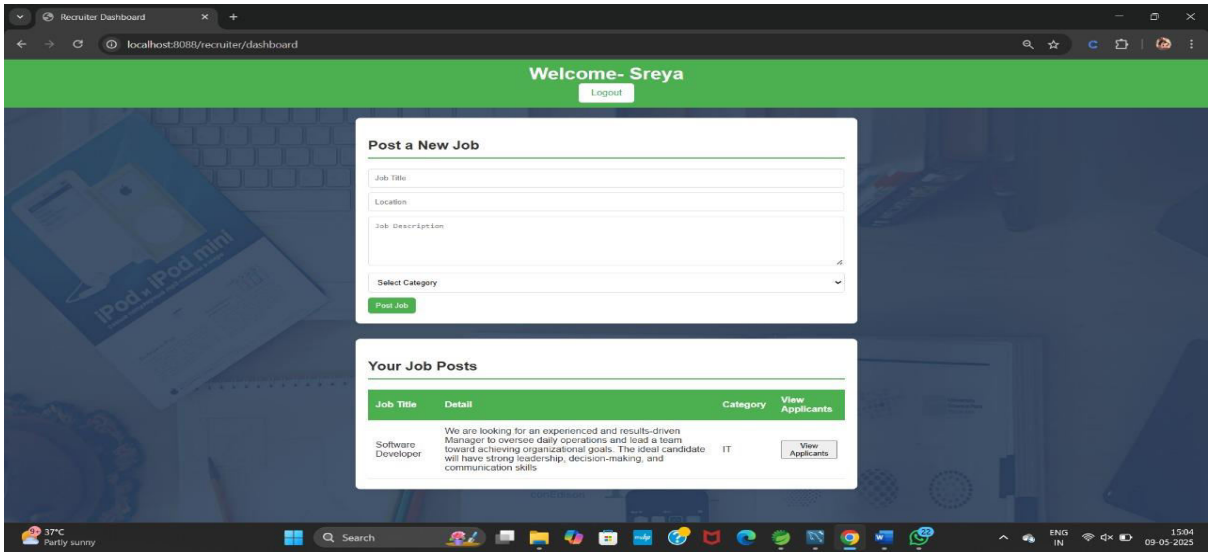

Fig 4.5.Recruiter DashBoard

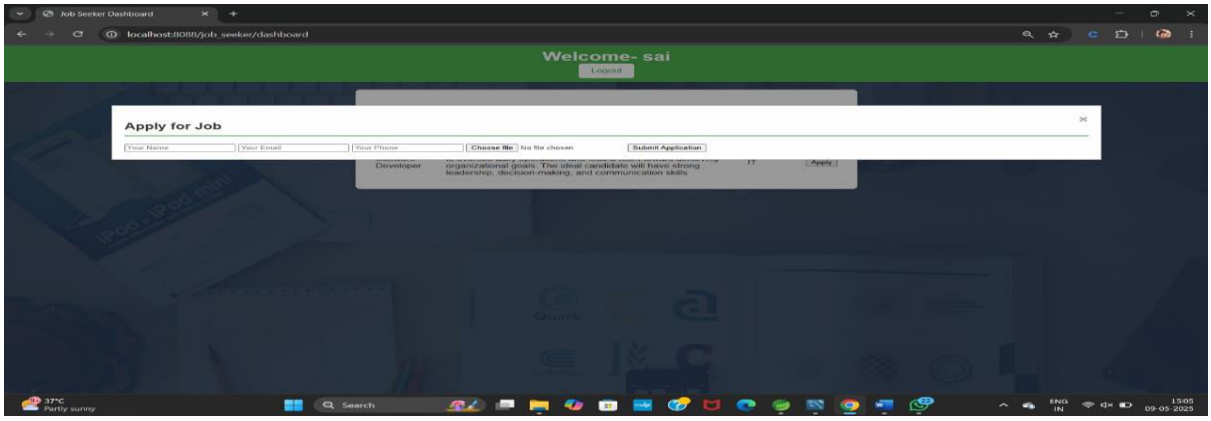

Fig 4.6. Job Seeker DashBoard

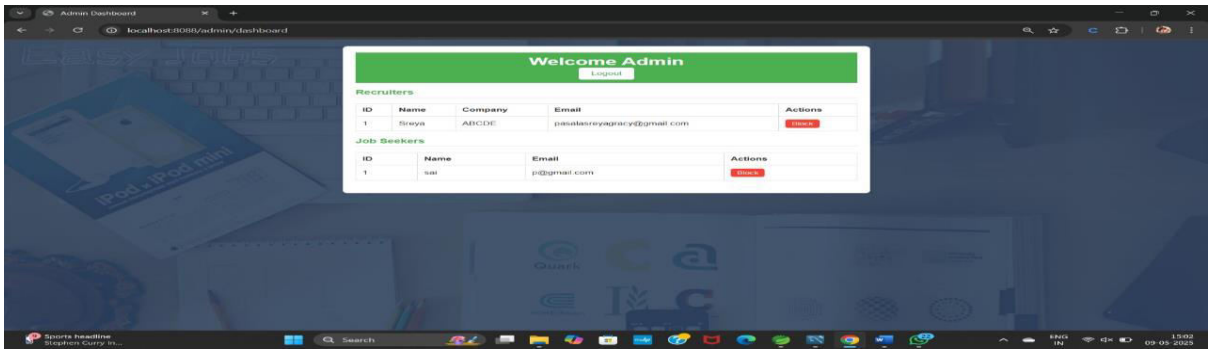

Fig 4.7.Admin DashBoard

5.CONCLUSION

Easy Jobs is a modern, user-centric job portal that effectively connects job seekers, recruiters, and administrators through dedicated, role-based dashboards. Built using Spring Boot, MySQL, and Spring Security, the platform ensures scalability, data integrity, and secure access. With features like job filtering, CV uploads, and administrative controls, it streamlines recruitment and provides a reliable, efficient experience for all users.

6.FUTURESCOPE

Planned upgrades include AI-based job matching, real-time notifications, interview scheduling with video calls, and an interactive resume builder. Mobile apps, multilingual support, analytics dashboards, LinkedIn integration, background checks, and chatbot assistance will further enhance usability, engagement, and trust.

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