

**SRI KRISHNA COLLEGE OF TECHNOLOGY**

**An Autonomous Institution | Accredited by NAAC with 'A' Grade Affiliated to Anna University | Approved by AICTE**

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**SHIGOTO**

**SOFTWARE DESIGN PATTERN**

**A PROJECT REPORT**

***Submitted by***

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***in partial fulfilment for the award of the degree***

***of***

**BACHELOR OF TECHNOLOGY**

**IN**

**ARTIFICIAL INTELINTELLIGENCE AND DATA SCIENCE**

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**ABSTRACT**

The ShigoTo job searching portal is a cutting-edge web application designed to effectively connect job seekers with potential employers. Leveraging React for its frontend development, ShigoTo delivers an intuitive and engaging user experience, making job searches and applications streamlined and efficient. Key features of the platform include advanced job search functionalities, a range of domain-specific job listings, and a dedicated employer section for job postings and hackathon management. Additionally, the portal integrates a curated selection of popular courses aimed at helping users enhance their skills and advance their careers. The inclusion of an admin dashboard supports the efficient management of job postings and applications, ensuring a smooth operational workflow. This project is designed to enhance the job search process, foster professional connections, and support career growth through its comprehensive and user-centric approach.

**SYSTEM SPECIFICATION :**

* **HARDWARE SPECIFICATION :**
* System : Pentium IV 2.4GHz.
* Hard Disk : 500GB.
* Monitor : 15 VGA Colour.
* Mouse : Logitech.
* Ram : 4GB.
* Keyboard : 101 Keyboard.
* **SOFTWARE SPECIFICATION :**
* Operating System : Windows 8,10,11,MAC OS.
* Front End : React JS.
* Back End : SPRING BOOT With MY SQL
* Server : SONAR CLOUD

**EXISTING SYSTEM :**

**1.** **Traditional Job Search Platforms:**

* **Complex Navigation**: Often complex interfaces that can be overwhelming for users.
* **Limited Interactions**: Insufficient communication channels between job seekers and employers.
* **Generic Listings**: Broad job categories without specialized focus
* **Inefficient Filtering**: Basic search and filter options leading to suboptimal job matching.

**2. Basic Online Job Platforms :**

* **High Fees**: Significant fees for job postings and premium services are a common drawback, deterring employers from using these platforms.
* **Limited Reach**: Some platforms do not cover a wide audience, limiting their effectiveness in job market penetration.
* **Fragmented Market**: Job listings are often spread across multiple platforms, leading to fragmented job searches and missing opportunities

**PROPOSED SYSTEM :**

**User-Friendly Interface:**

* **Intuitive Design**: A modern and straightforward design ensures ease of use for both job seekers and employers.
* **Multi-Language Support**: Features support for multiple languages to cater to a diverse user base.

**Advanced Job Search and Filtering:**

* **Real-Time Updates**: Immediate reflection of new job postings and application statuses ensures that users have access to the latest opportunities.
* **Customizable Filters**: Enhanced filters allow users to narrow down job searches by role, type, location, and experience level.

**Secure Transactions:**

* **Payment Gateway Integration**: Secure and versatile payment options are available for premium features and job postings.
* **SSL Encryption:** Ensures the protection of user data and transactions.

**Direct Communication:**

* **Built-In Messaging:** Enables seamless communication between job seekers and employers for direct engagement.
* **Real-Time Notifications:** Users receive alerts for new messages, job postings, and important updates.

**Admin Dashboard:**

* **Job Management:** Admins can efficiently post, update, and delete job listings.
* **Application Tracking:** Comprehensive tracking of applications from submission to hiring decisions.

**Course Recommendations:**

* **Popular Courses**: Users have access to a range of courses to boost their skills, with detailed information on course content, duration, and pricing.
* **Course Details:** Offers clear descriptions, ratings, and the option to purchase or enroll in courses directly through the platform.

**MODULES :**

**1. User Interface Module:**

* **Registration and Login:**
* Secure and straightforward user registration and authentication
* **Dashboard:**
* User-friendly dashboard displaying key features and updates.
* Multi-language support for a diverse user base.

**2. Job Search Module:**

* **Job Listings:**
* Real-time job listings with detailed descriptions and advanced filtering options.
* **Top Hiring Companies:**
* Spotlight on top employers and their job openings.

**3. Employer Module:**

* **Job Posting:**

Tools for employers to post job openings, manage listings, and track applications.

* **Hackathon Management:**
* Features for planning and conducting hackathons, including scheduling and participant management.

**4. Admin Module:**

* **Job Management:**
* Admin controls for posting, updating, and deleting job listings.
* **Application Review:**
* Administrative tools for reviewing and managing job applications.

**4. Course Module:**

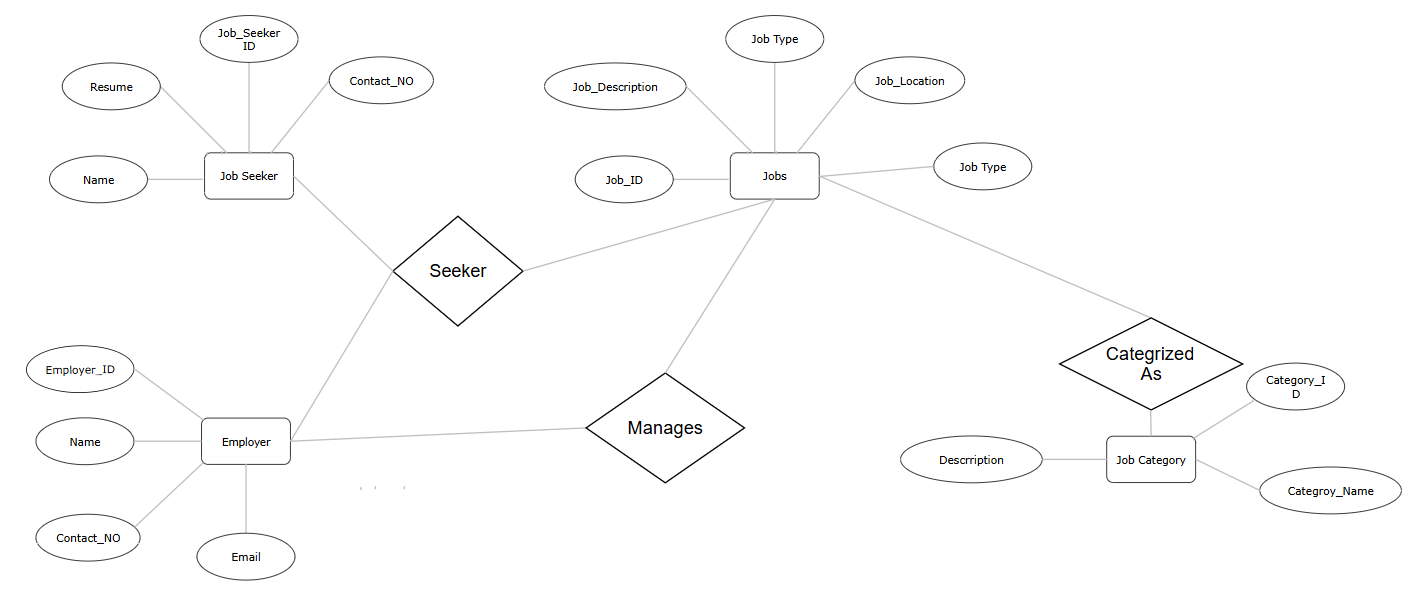
* **Popular Courses:**
* Listings of recommended courses with purchase and enrollment options.
* **Course Details:**
* Information on course content, pricing, and duration.

**4. Communication Module:**

* **Messaging System:**
* Built-in chat system for direct communication between job seekers and employers.
* **Notifications:**
* Real-time alerts for important updates and interactions.

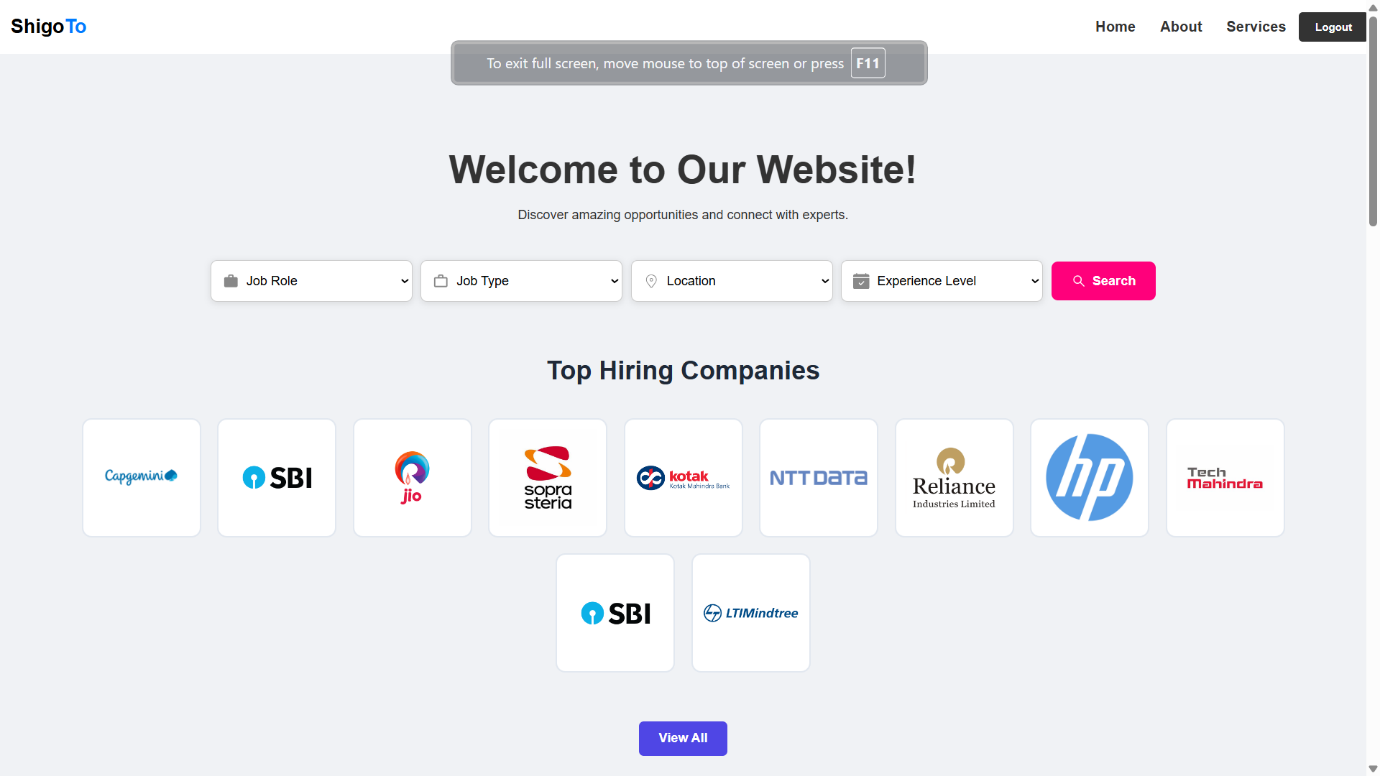
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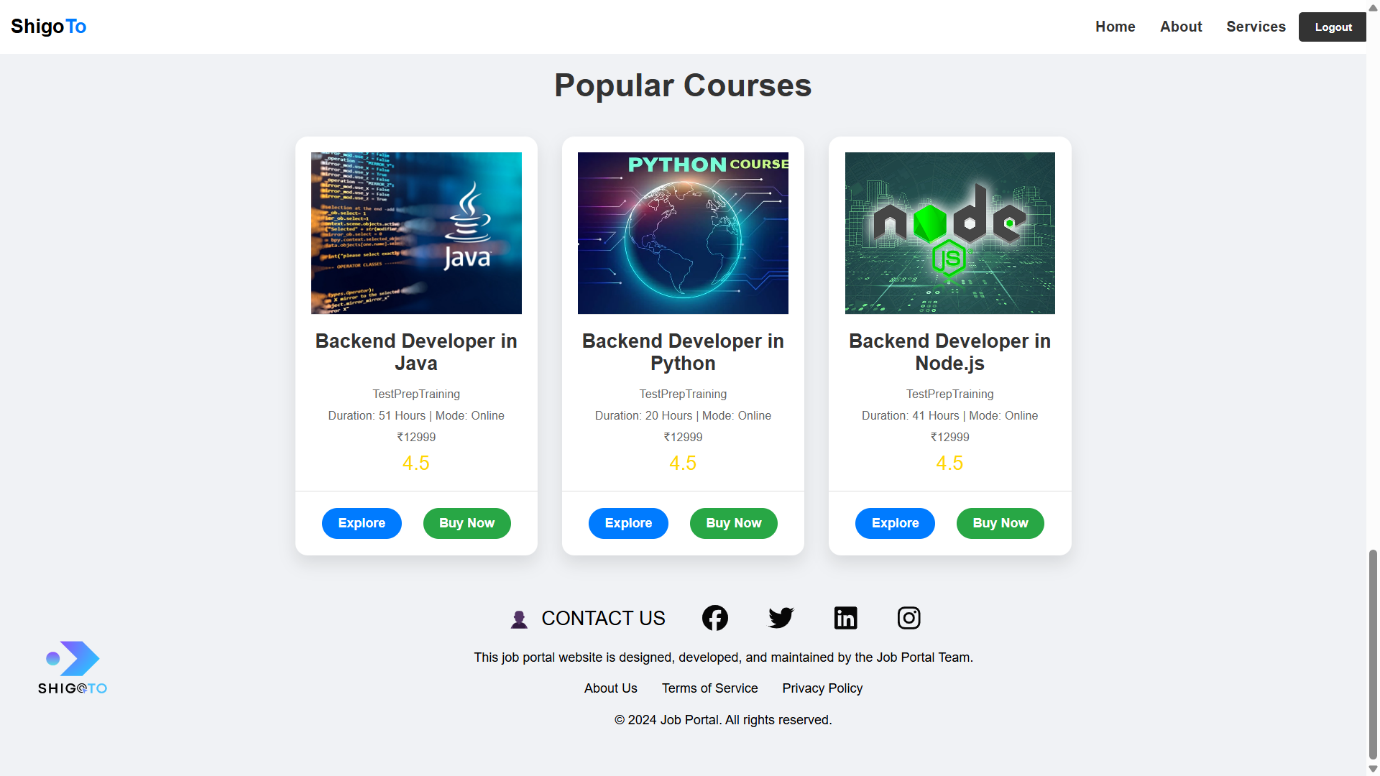
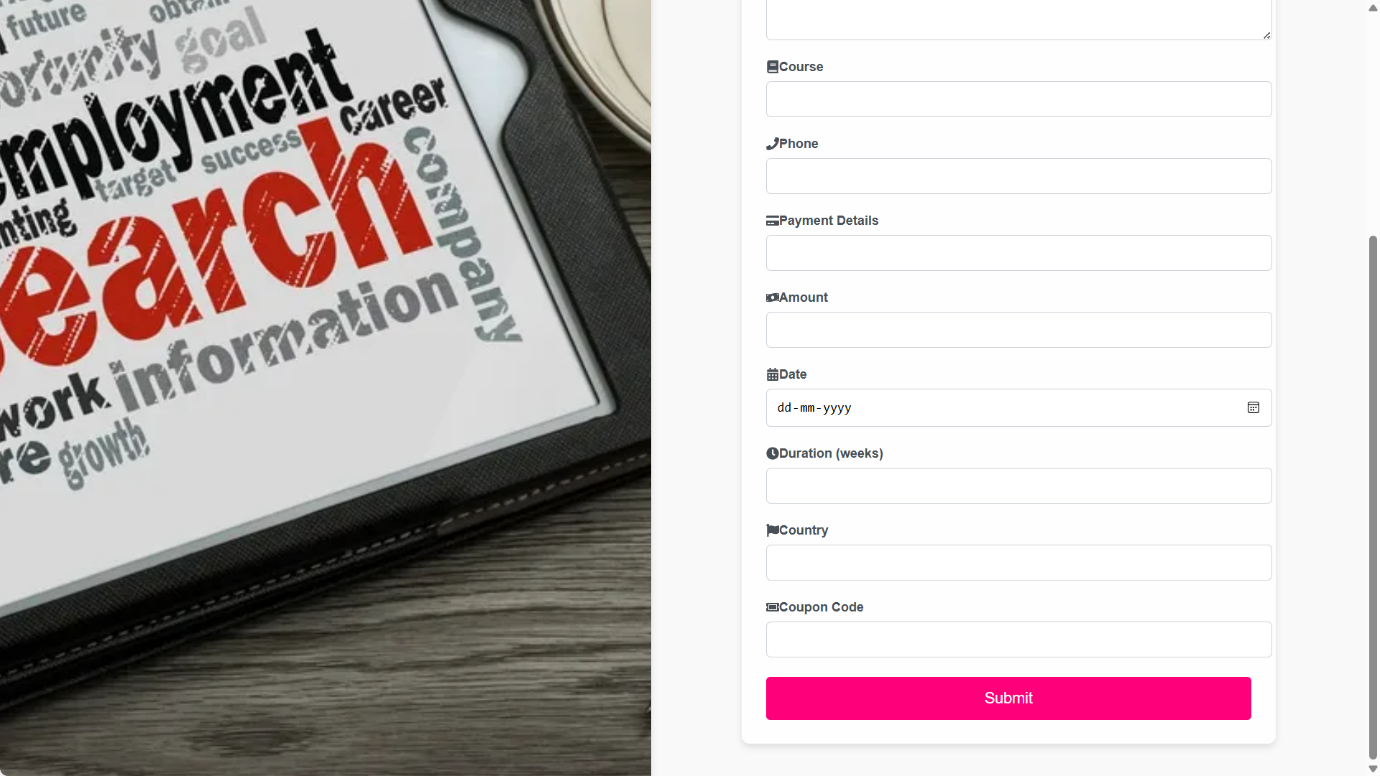
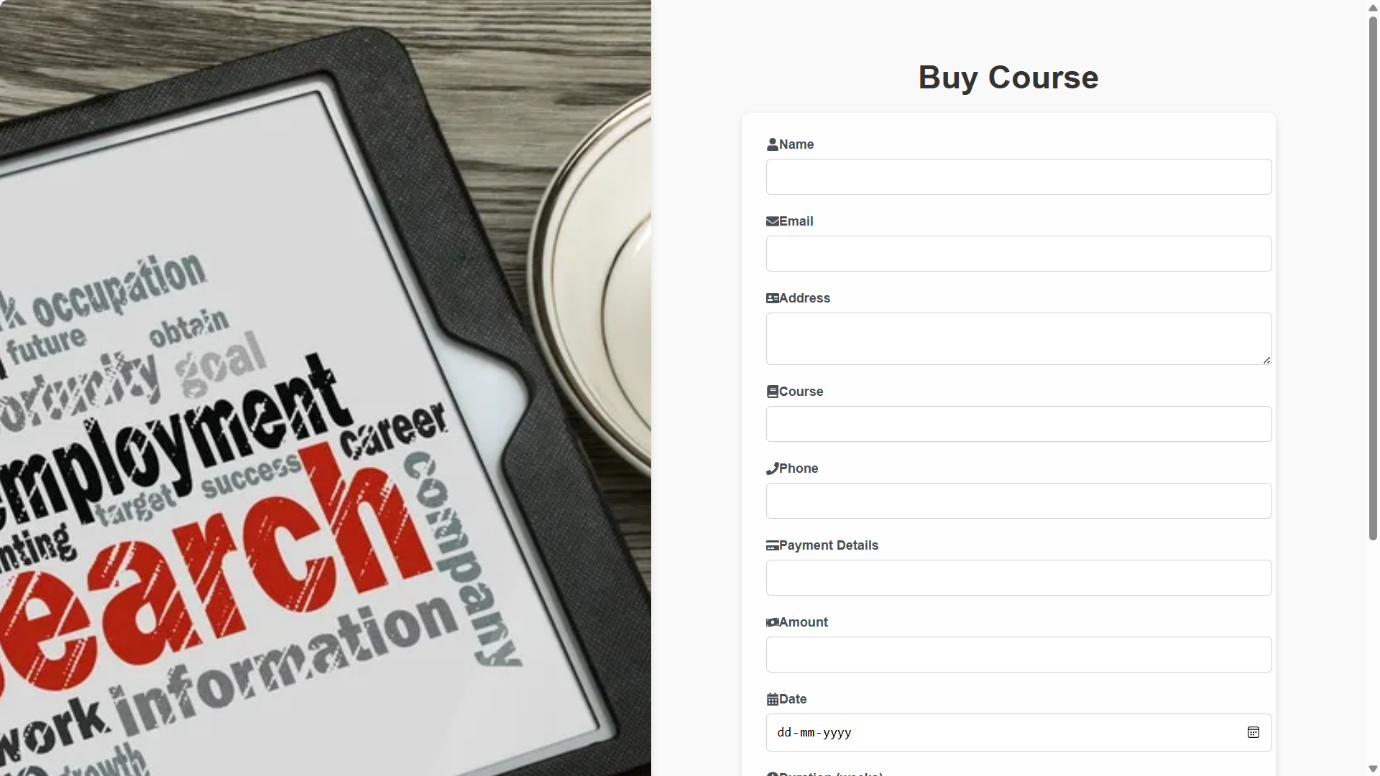
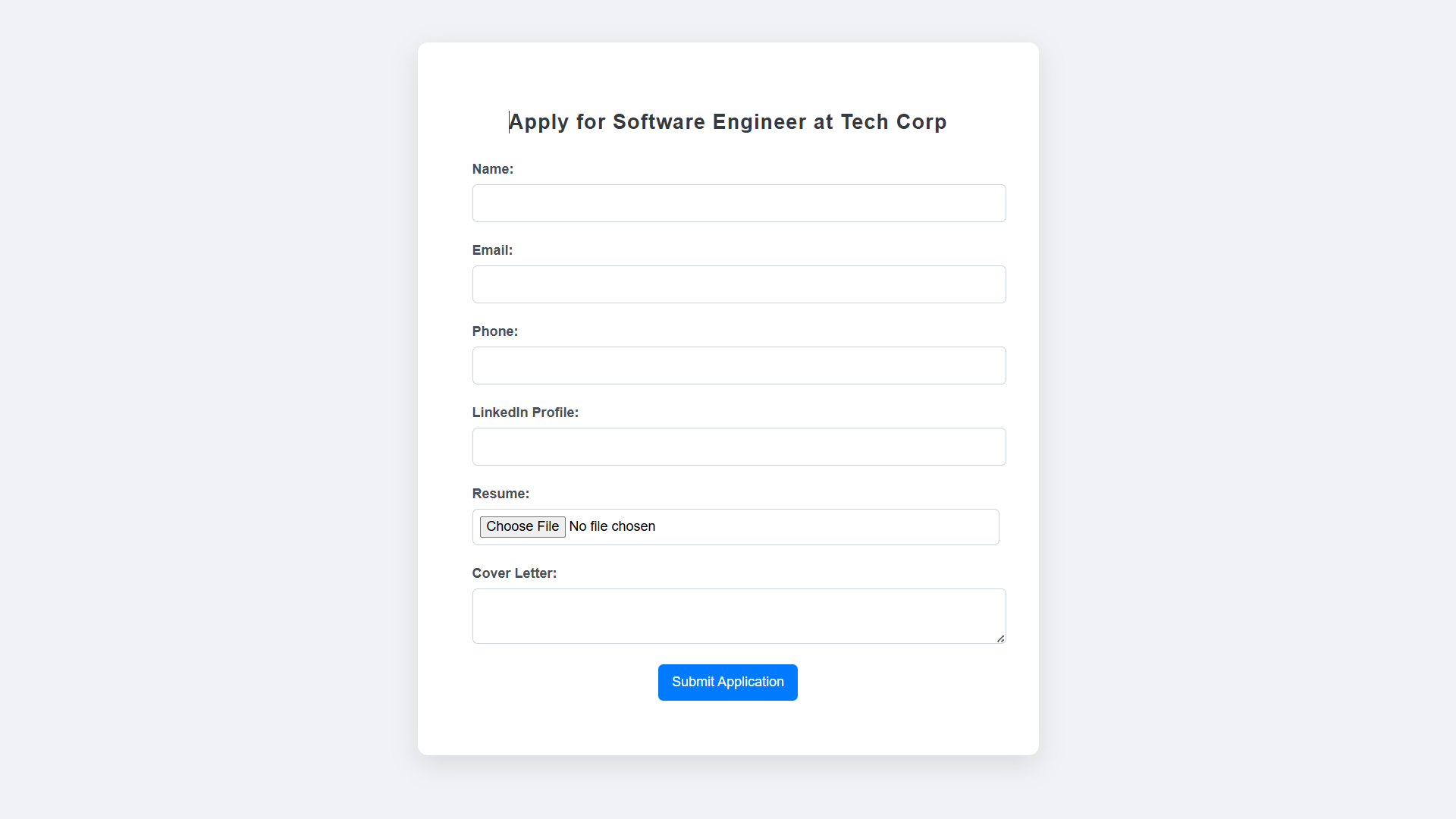
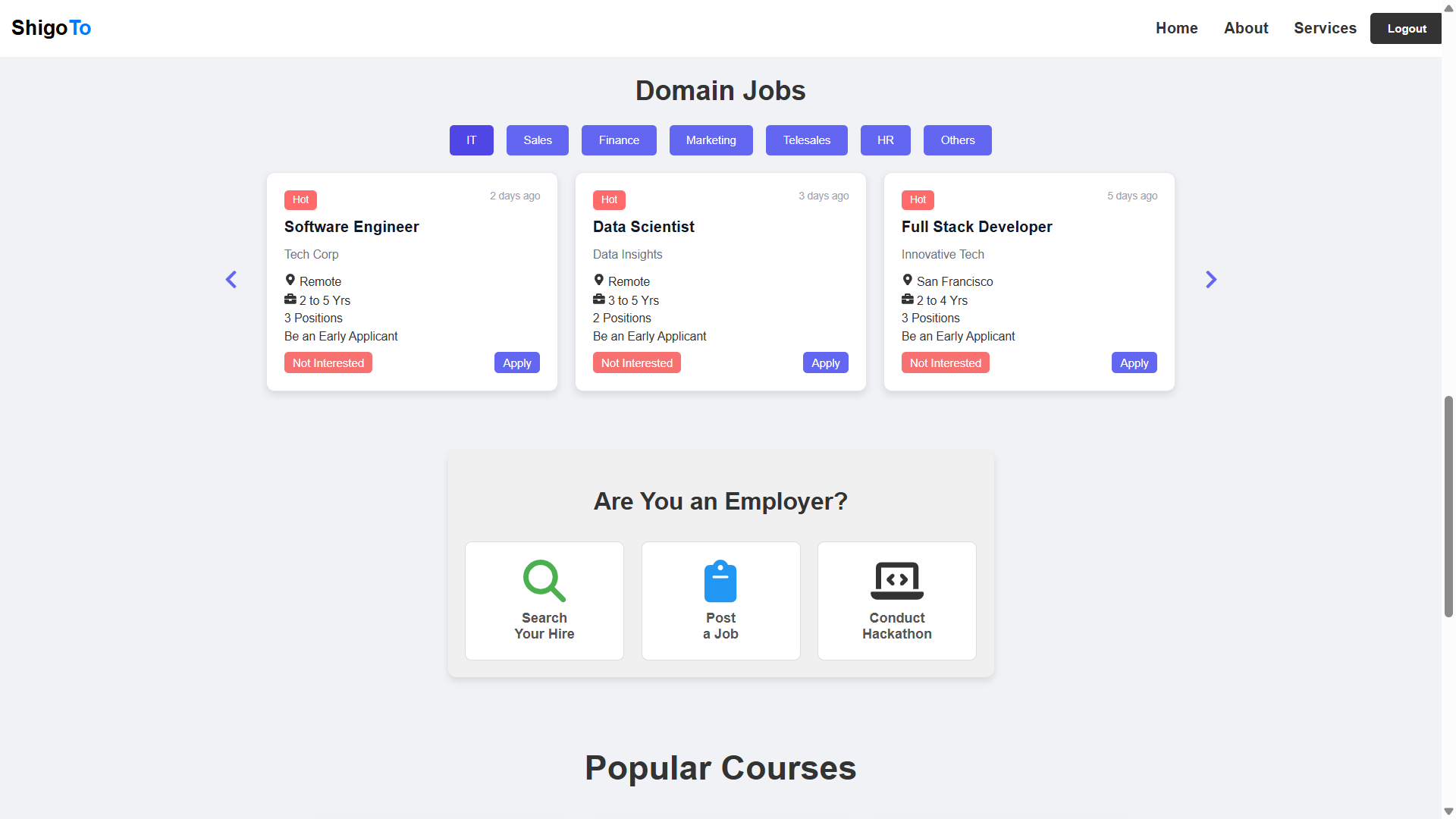
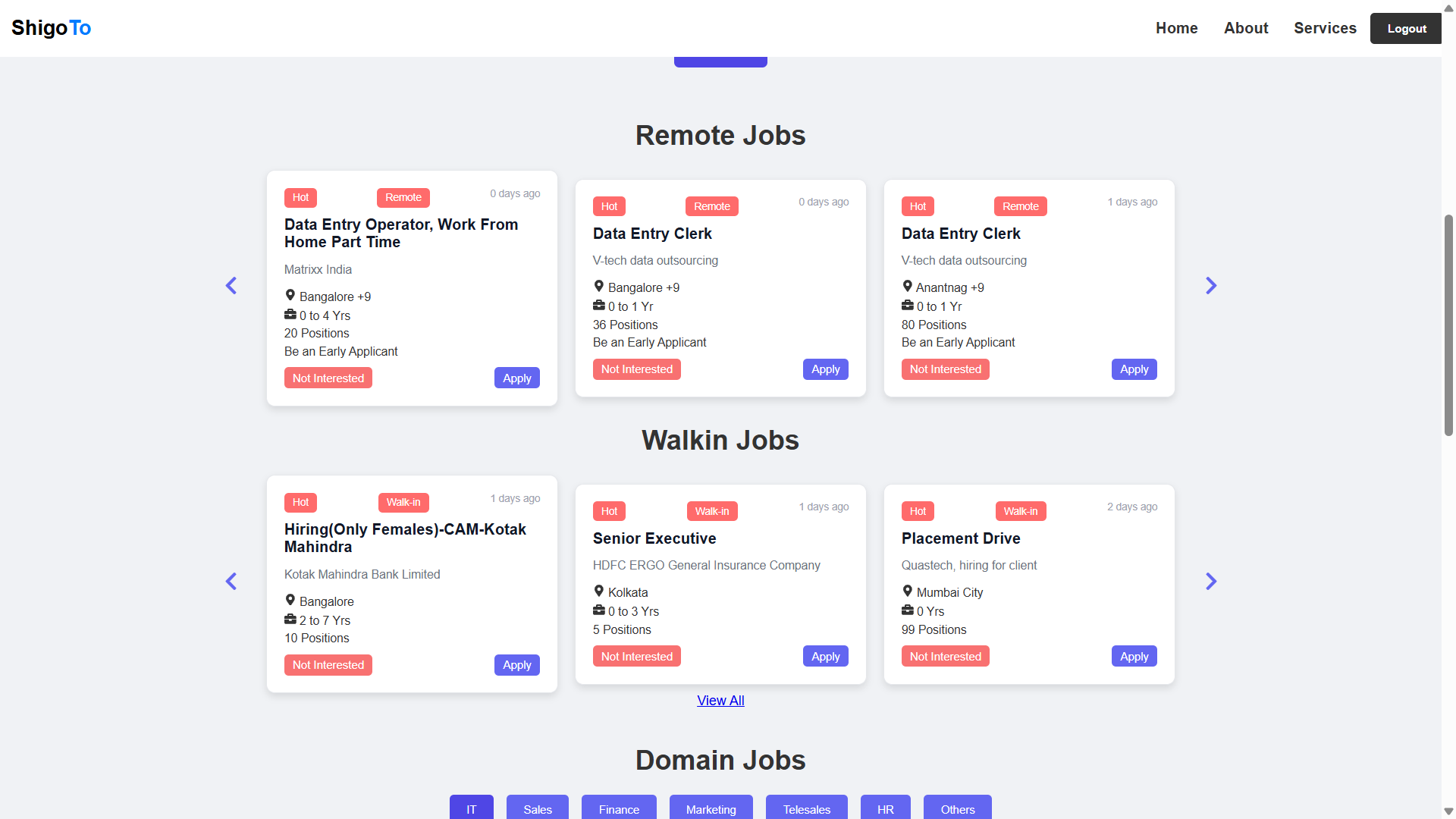
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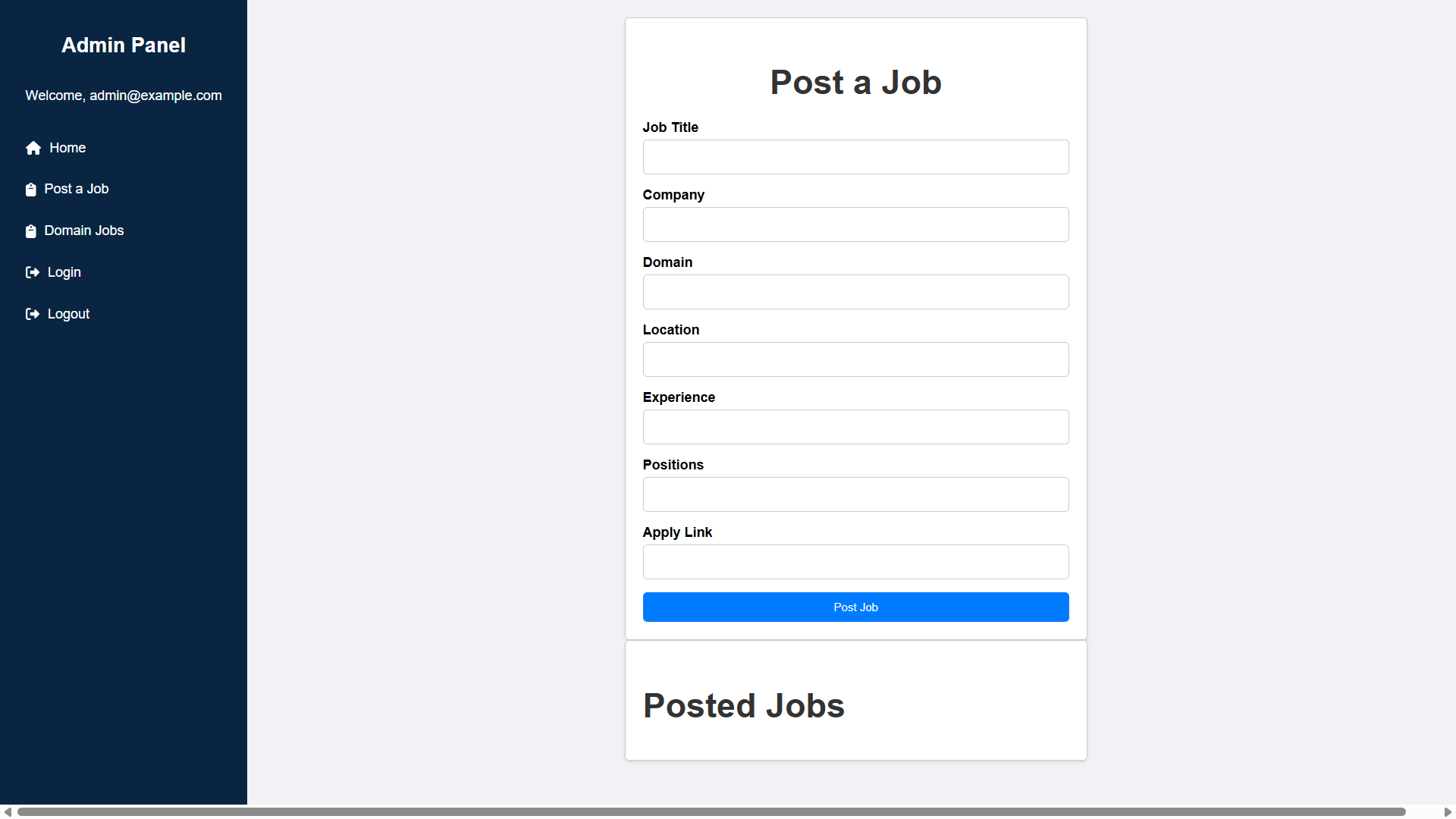
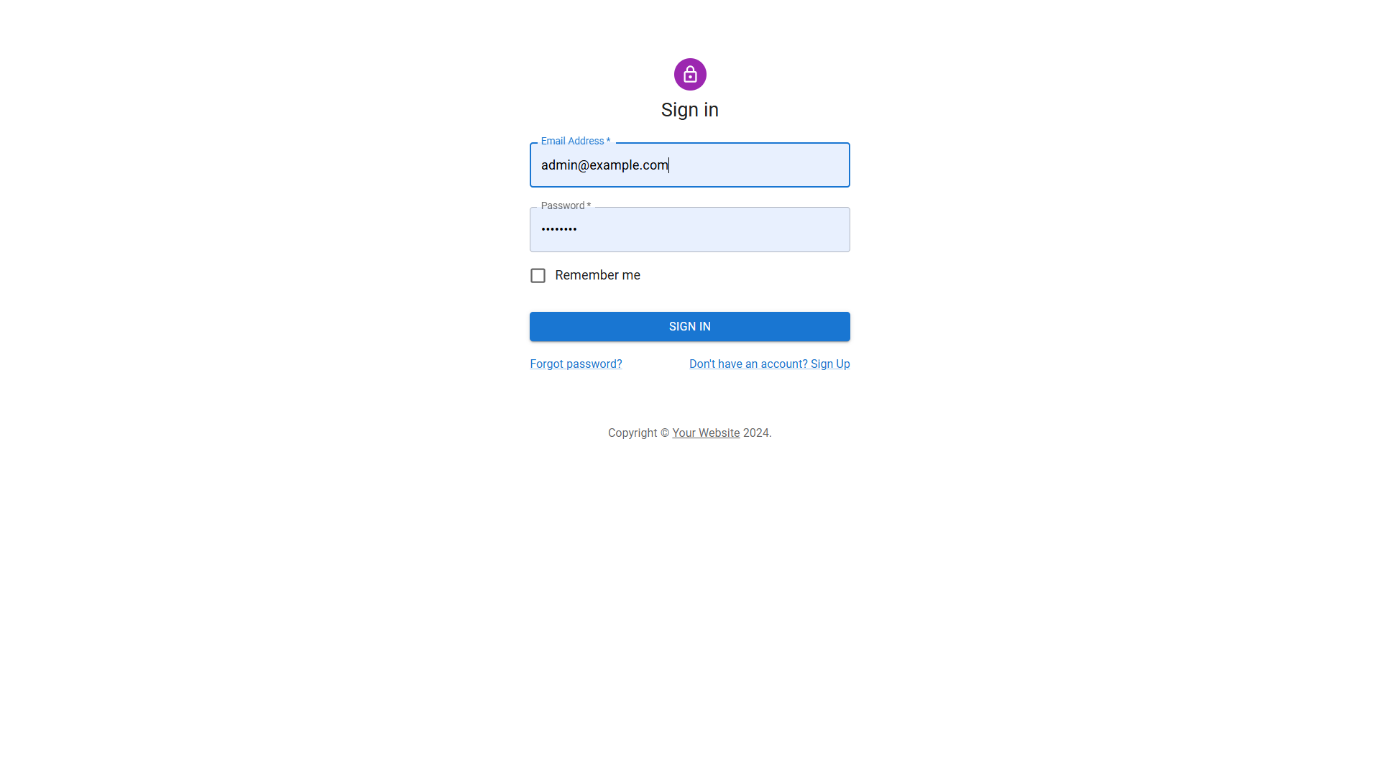
**PICTURES :**

* **USER – SIDE :**

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* **ADMIN – SIDE :**

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**CONCLUSION**

The ShigoTo job searching portal is designed to modernize the job search process through a user-friendly and feature-rich platform. By integrating advanced job search functionalities, direct communication channels, and comprehensive administrative tools, the portal aims to provide a seamless experience for job seekers and employers alike. The platform’s ability to cater to various needs—whether through detailed job listings, employer management, or skill-enhancing courses—ensures that it stands out in the competitive job search market. This project highlights the effective use of contemporary web technologies to address real-world challenges in job searching and professional development.