SDJ International College

Project Presentation on

"HireWay"

As Partial Requirement for the M.SC(CA) sem-2

Semester year:2024-2025

Guided By:

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Submitted By :

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Agenda

- Project Profile
- Introduction
- Hardware Rquirment
- Software Requirment
- Scope
- Advantage
- Disadvantage
- ScreenLayout

Project Profile

- Title: LearnHub
- Duration: 4 Months
- Team Members: 1
- Front End Tools: Nextjs, TalwindCSS, Typescript
- Back End Tools: Nodejs, Prisma Studio

introduction

- A job portal is a website where people who need jobs can find jobs and companies looking for job seekers can find the perfect employees. It serves as a medium where job seekers can create profiles, upload resumes, and search for job openings across various industries and locations.
- A Job Portal Website is an online platform that connects job seekers with employers. It allows users to search, apply, and track job applications, while companies can post job listings, manage applications, and find the right candidates efficiently.
- This innovative job portal simplifies recruitment and job searching, making the hiring process faster, smarter, and more effective for both job seekers and employers.

- With a user-friendly interface and powerful filters, users can find relevant opportunities quickly. The platform also includes email notifications, resume uploads, and profile completion tracking to streamline the hiring process.
- Employers, on the other hand, can post job vacancies, review applicant profiles, and conduct the initial stages of the hiring process through the portal.
- This innovative job portal simplifies recruitment and job searching, making the hiring process faster, smarter, and more effective for both job seekers and employers.

Problem

First Problem

Data security and privacy concerns for user information and resumes.

Second Problem

Managing and updating interview preparation resources effectively.

Third Problem

Job referral tracking complexity and prevention of fraudulent referrals.

Forth Problem

Spam and fake job listings affecting platform credibility.

Hardware Requirment

- Intel(R) Core (TM) i5-10300H CPU @ 2.50 GHz
- Ram: 8 GB RAM
- Device: Laptop
- Storage: 32 GB or Above

Software Requirment

- Browser: Mozilla Firefox, Google Chrome, Brave
- Server: Localhost
- Database: prisma Studio
- Code editor: VS Code
- OS: windows 10,11
- Back End: NextJS, Prisma Front End: NextJs, TalwindCSS, TypeScript

Scope

1. User Roles & Authentication:
   - Users can sign up and log in using GitHub and Google.
   - Companies can create accounts to post job listings.
2. Job Search & Discovery:
   - Users can search for jobs with advanced filters (location, job type, etc.).
   - Bookmark/save jobs for later viewing.
   - Job view tracking to measure engagement and popularity.
3. Job Application & Tracking:
   - Users can apply for jobs and track their application status.
   - Resume upload and profile completion system for better matching.

4.Interview & Referral System:

- Dedicated section for interview preparation resources.
- Job referral system where users can refer others for job openings.

5.Monetization & Scaling:

- Companies must pay to post job listings, generating revenue.
- Scaling strategies to accommodate a larger user base and high traffic.

6.Chatbot Integration:

- AI-powered chatbot support for instant query resolution.
- 24/7 assistance for course recommendations, technical support, and general queries.

Advantages

1. Efficient Job Matching:

- Advanced Job Filters – Users can easily find relevant jobs based on location, job type, and preferences.
- Bookmarking & Tracking – Users can save jobs and track applications, improving job search efficiency.

2. Enhanced User Experience:

- Interview Preparation Resources – Helps candidates improve their skills and succeed in interviews.
- Job Referral System – Encourages networking, making job applications more credible.
- Paid Job Postings – Companies must pay to post jobs, ensuring revenue generation.

4. Scalability & Performance:

- Next.js for Performance – Fast page loads, SSR (Server-Side Rendering), and optimized SEO.
- Prisma & PostgreSQL – Reliable, scalable database management.
- Cloud & Future Scaling – Can handle high traffic efficiently.
- Custom Chatbot for Website Queries – Enhances user engagement and support.
- Dark Mode Toggle – Improves accessibility and user preference handling.

5. Security & Authentication:

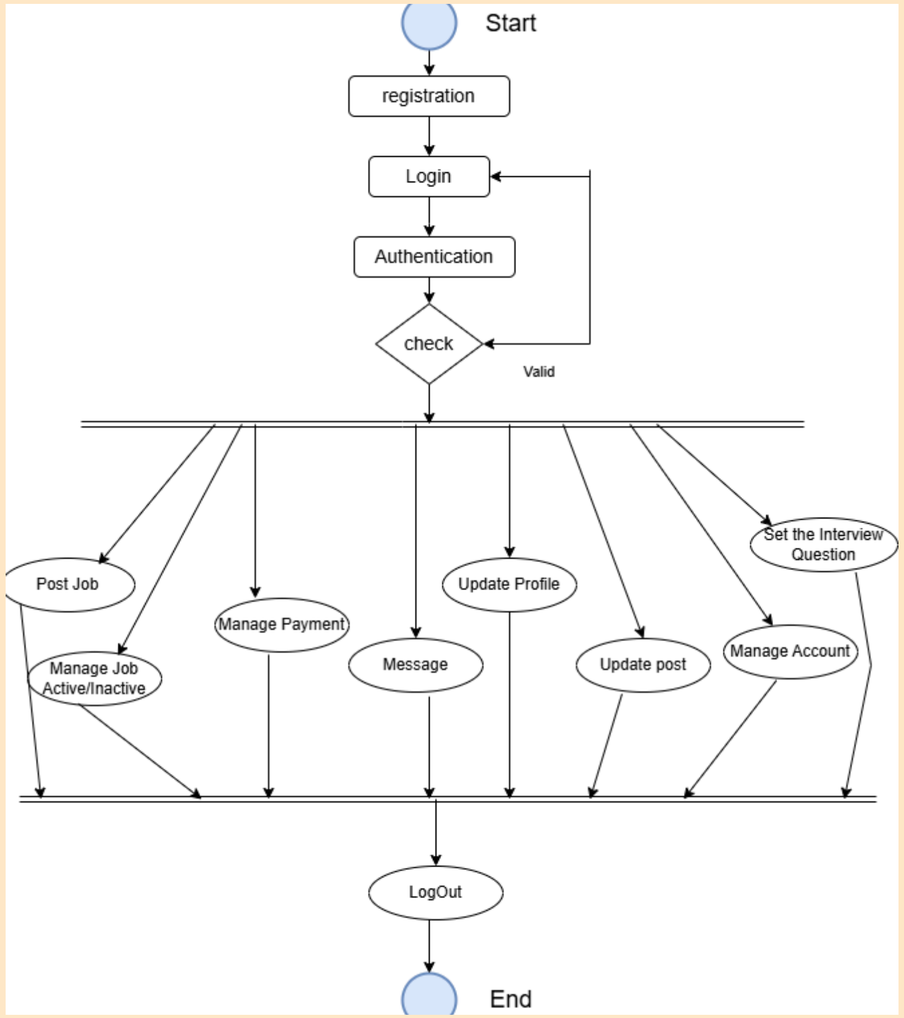
- OAuth (Google & GitHub Login) – Ensures secure and easy authentication.
- Data Privacy – Prisma and PostgreSQL ensure robust data security and integrity.

Disadvantages

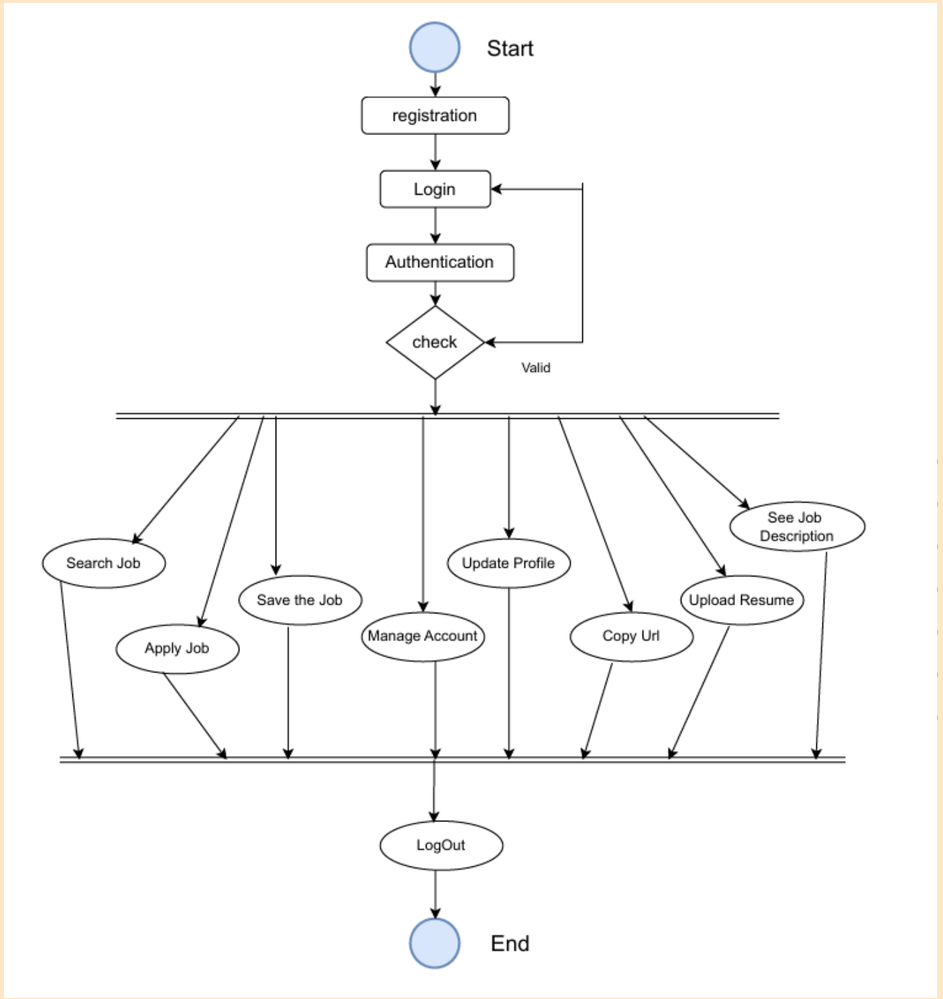
- One of the main challenges is scalability.
- Another drawback is the lack of a Company Dashboard at the moment.
- The real-time chat with recruiters, while a useful feature, could become a challenge if not monitored properly.
- Since the project relies on paid job postings for monetization, it may face difficulties in attracting companies initially.
- The authentication system is limited to Google and GitHub login, which might be a drawback for users who prefer traditional email/password authentication.

Activity Diagram

Company Activity Diagram

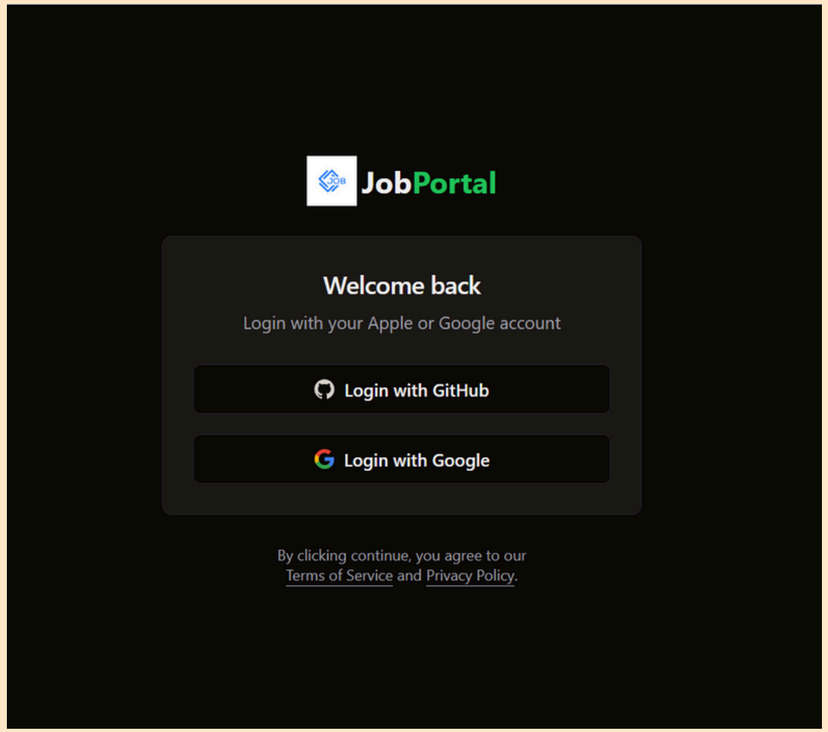


User Activity Diagram

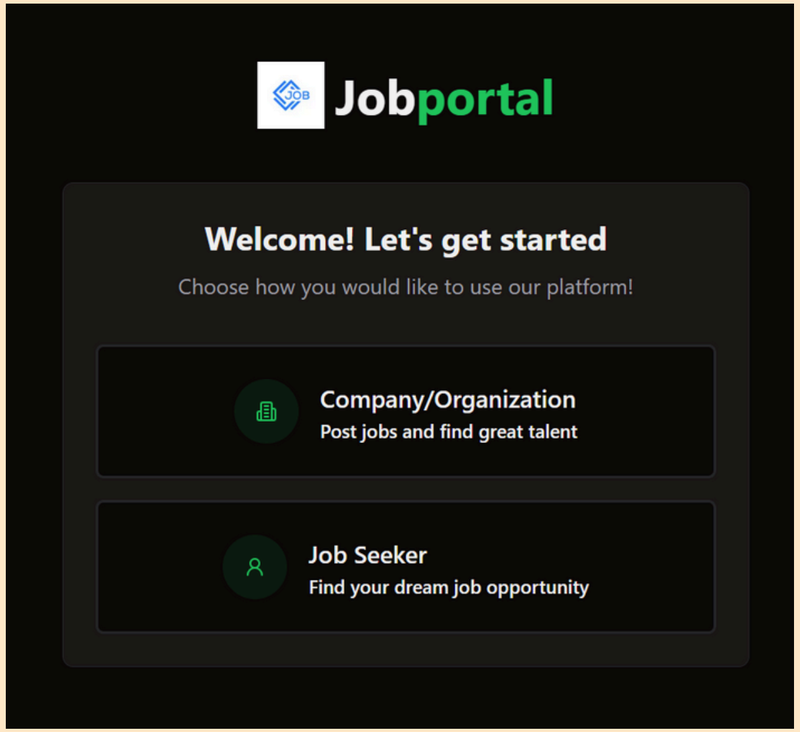


Screen Layout

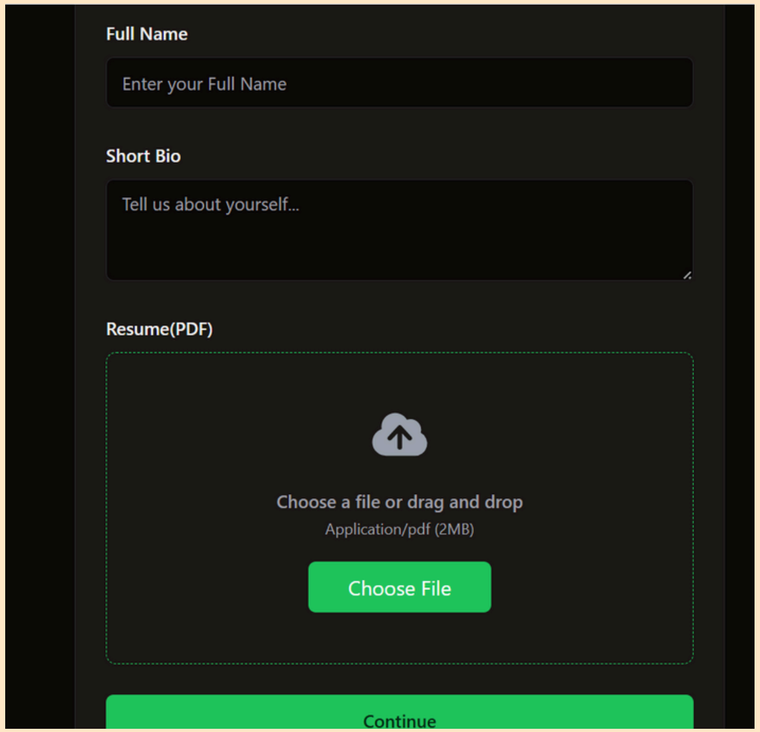
Login Page:



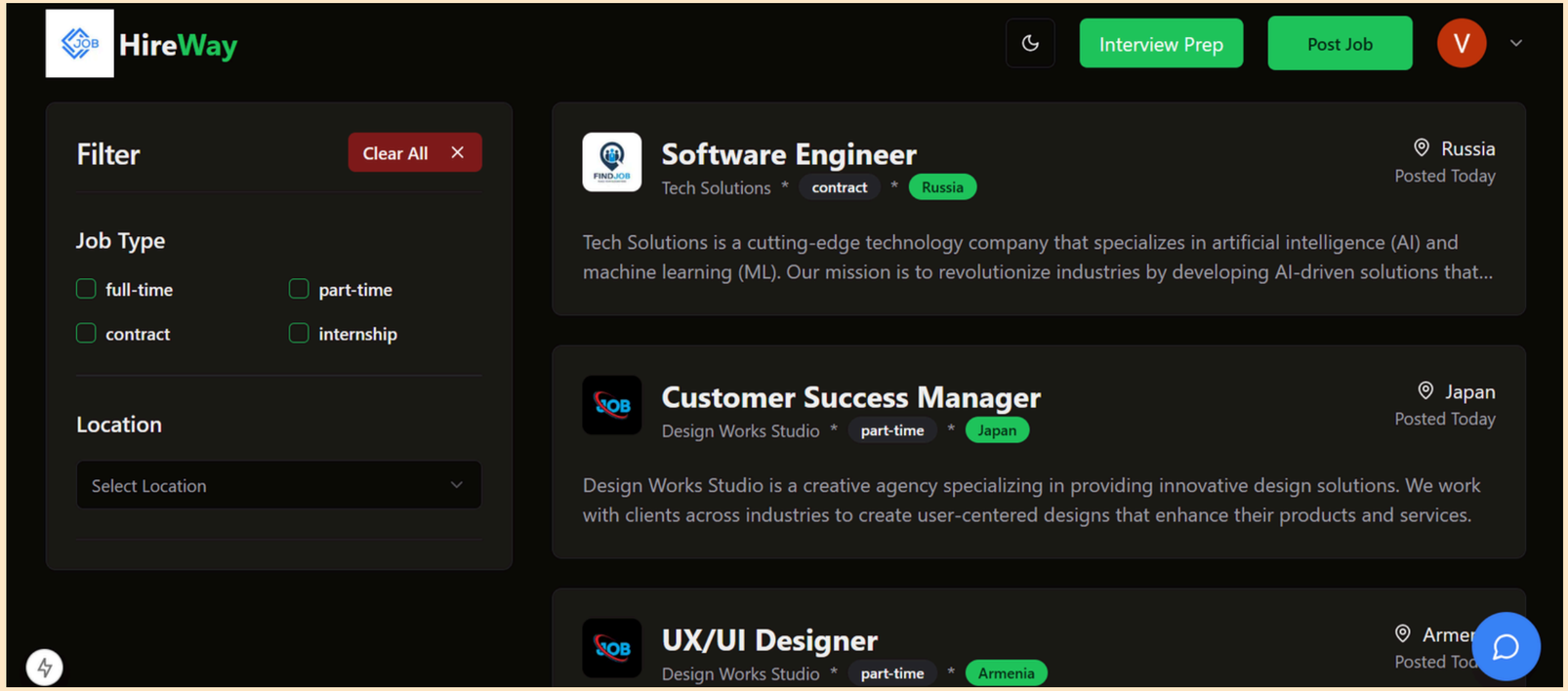
OnboardingPage:



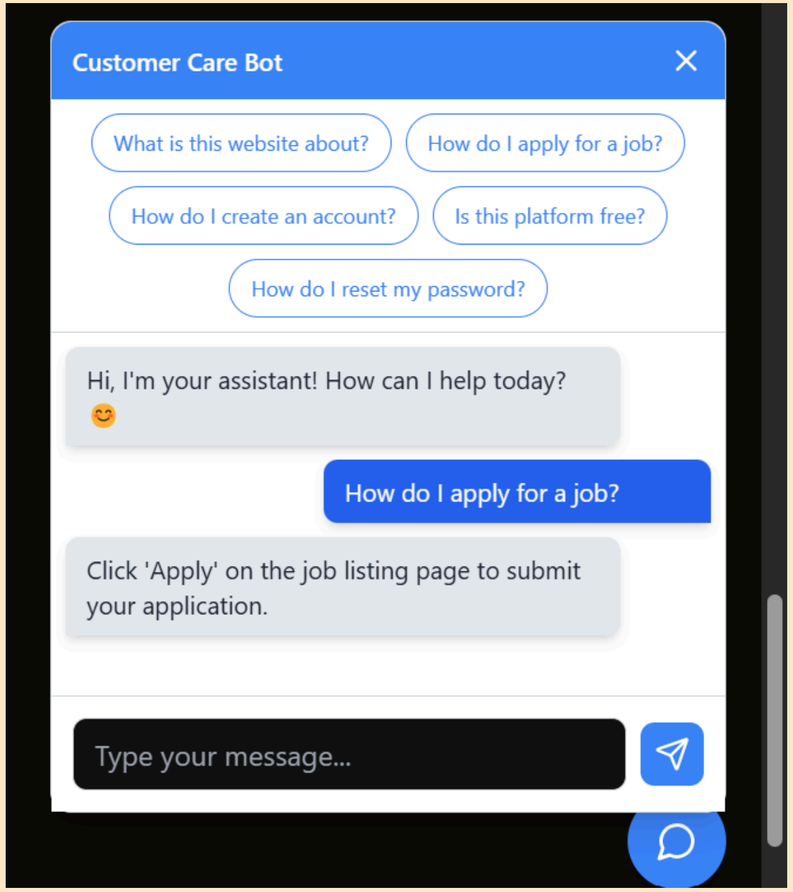
Job Seeker Form:



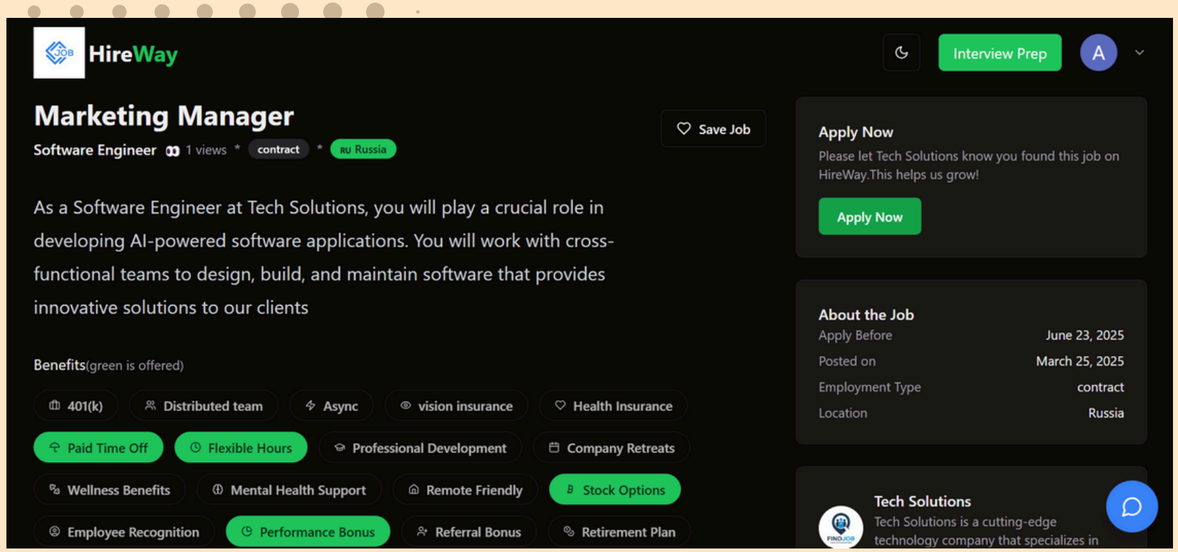
Home Page::



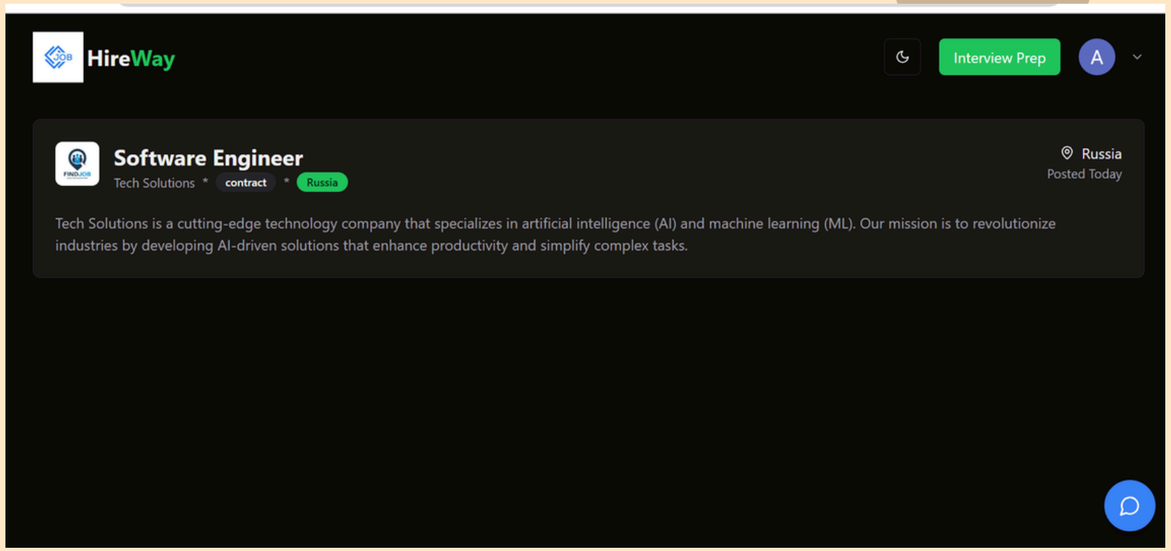
ChatBot:



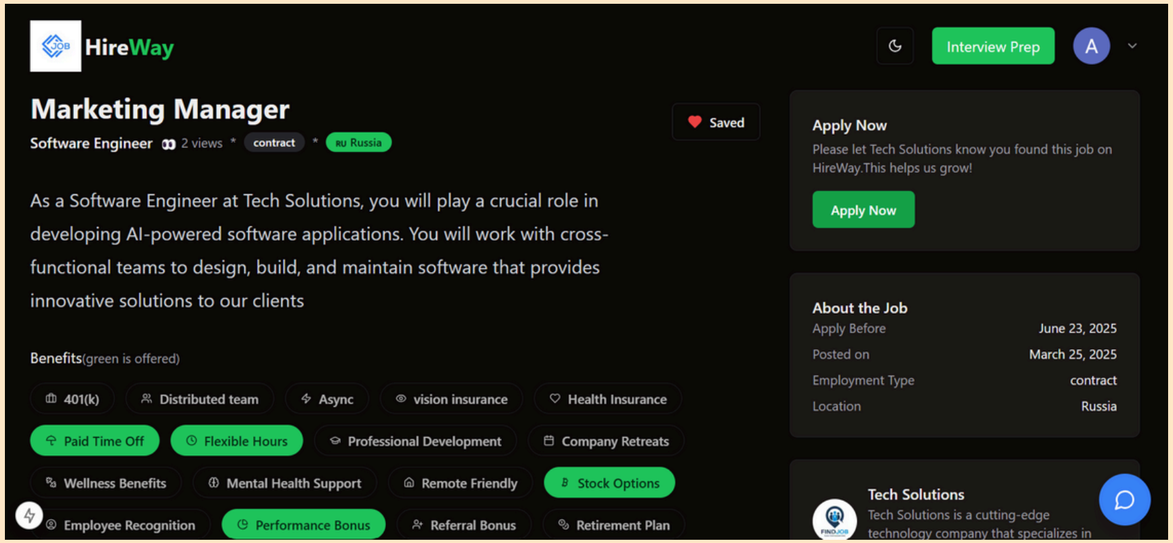
JobDescription Page:



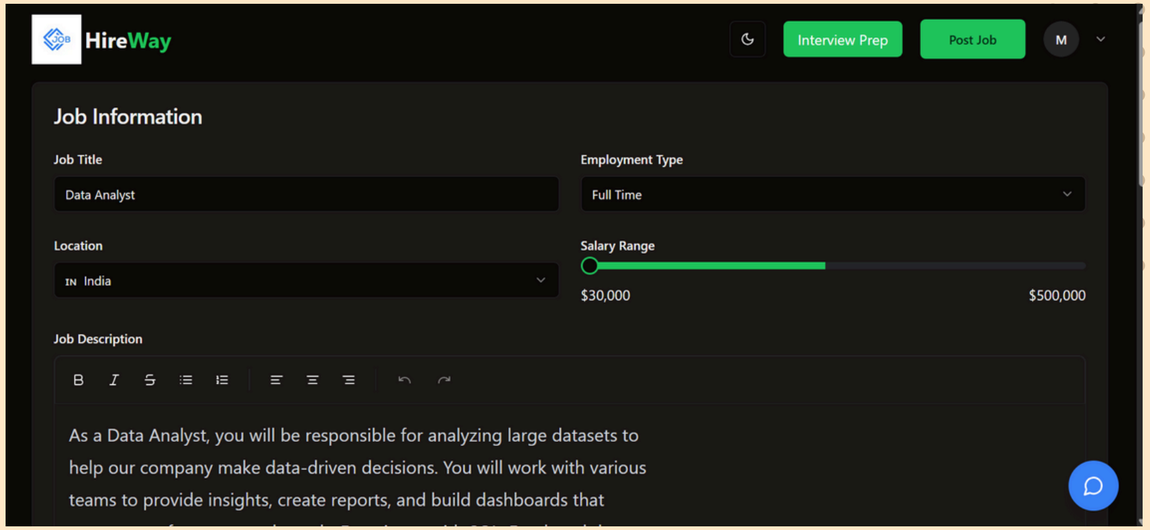
Favorites Job Page:



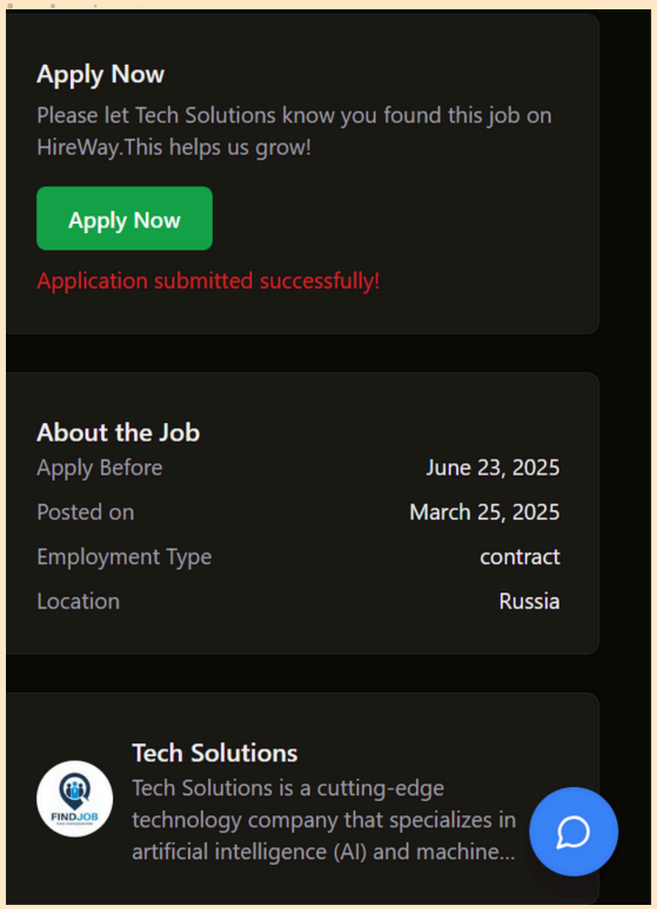
Saved Job:



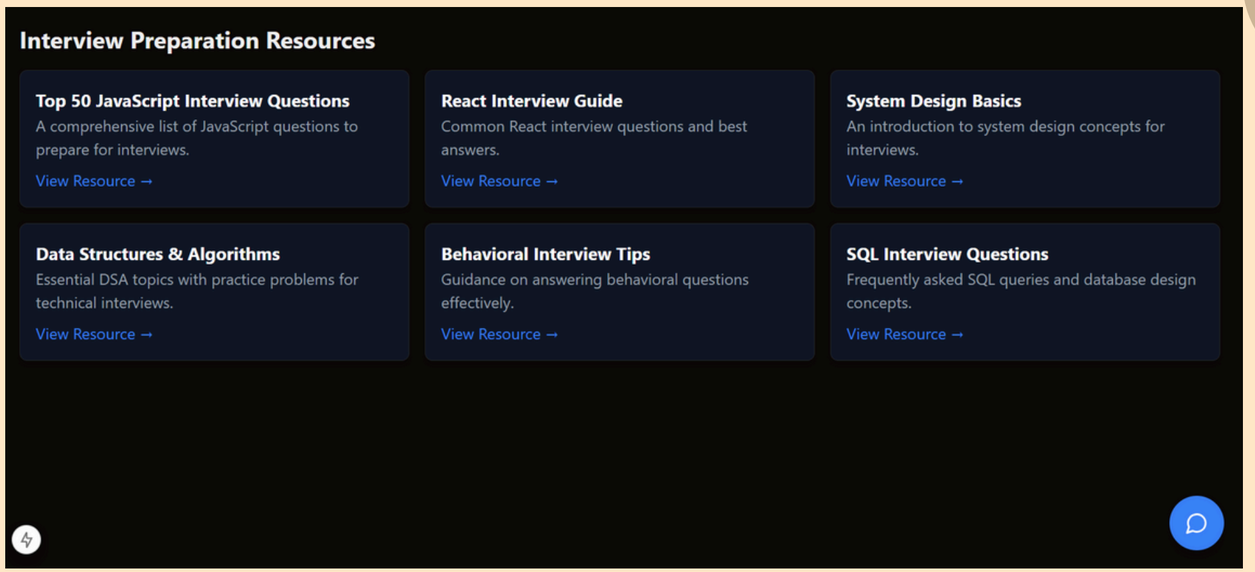
Edit Job Page:



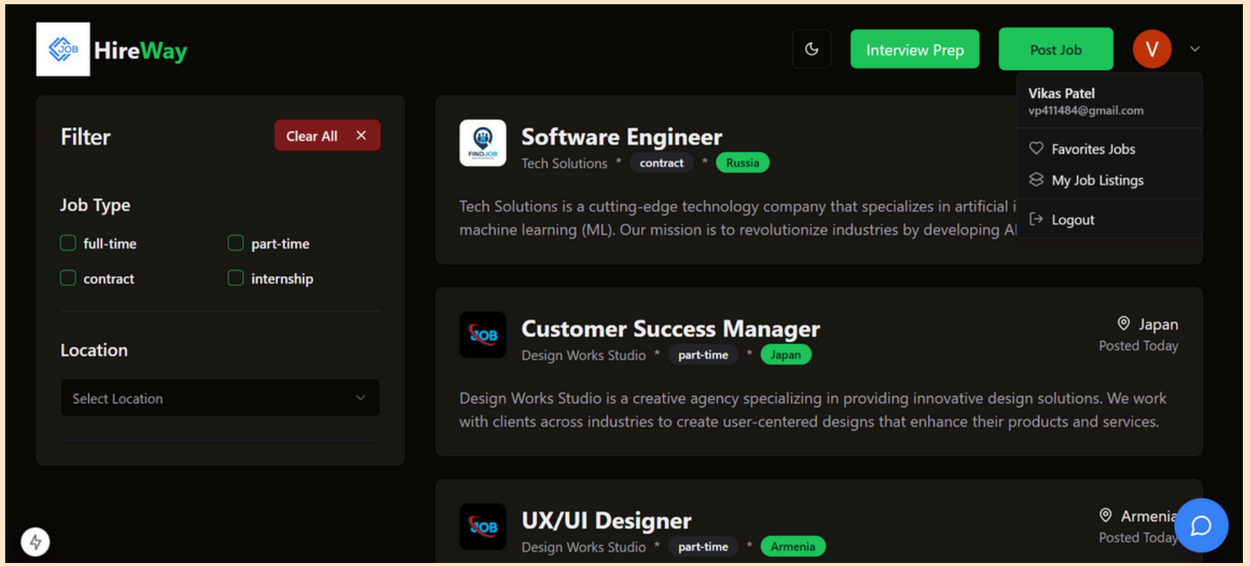
Apply For Job::



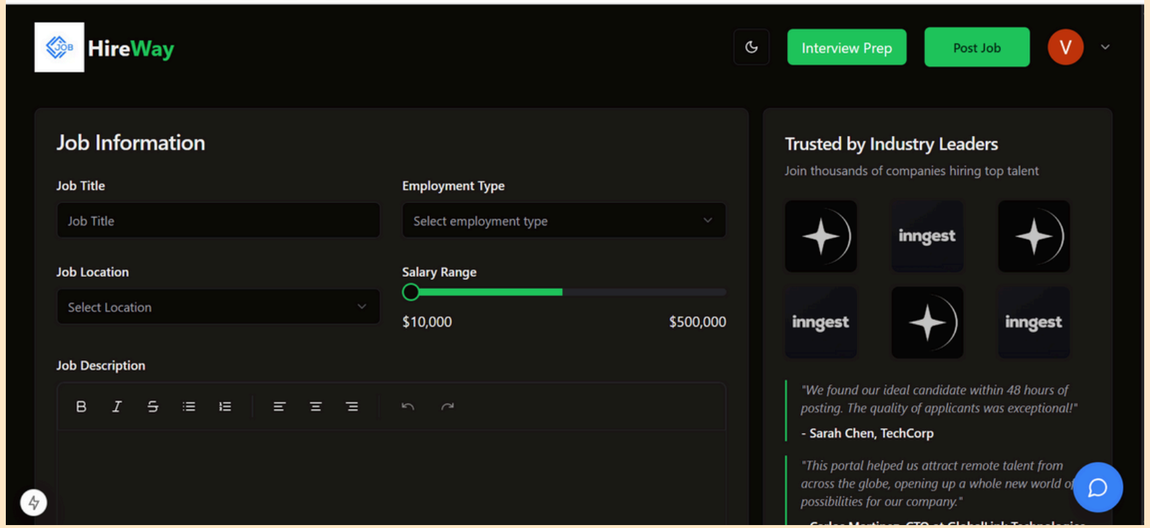
Interview-Resource Page:

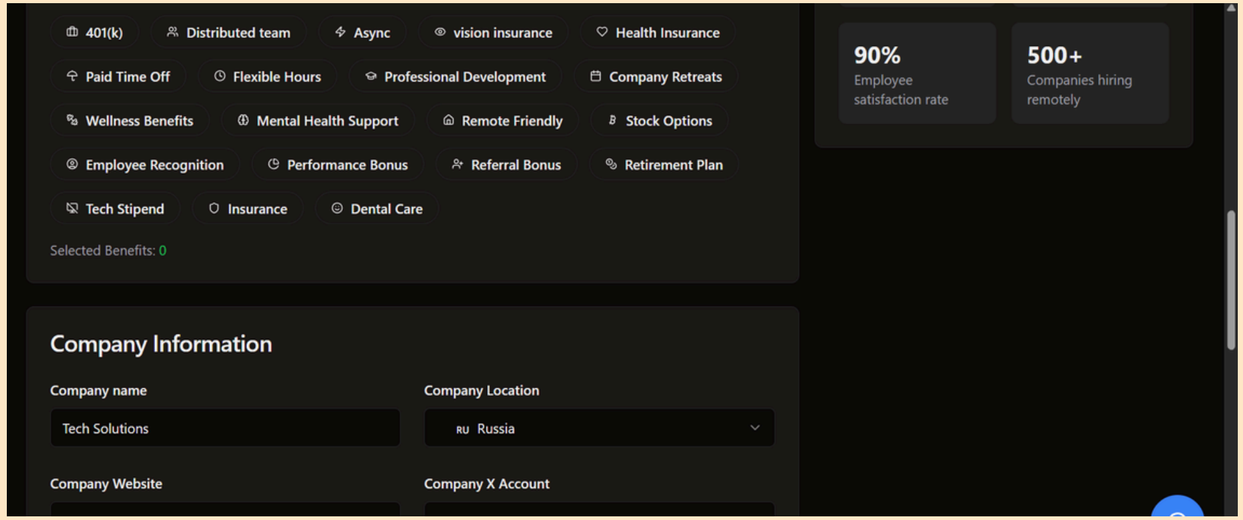


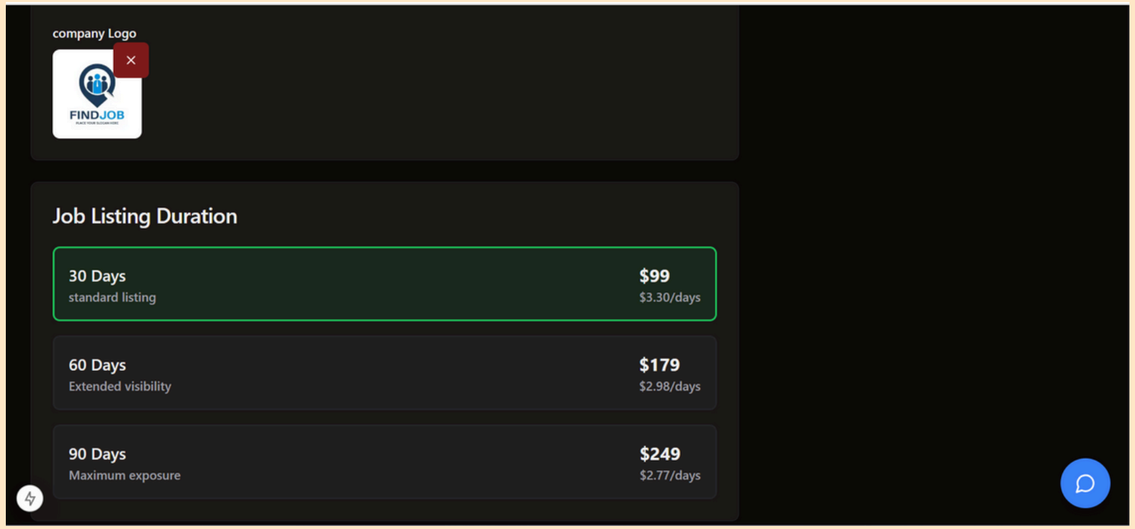
Profile Page::



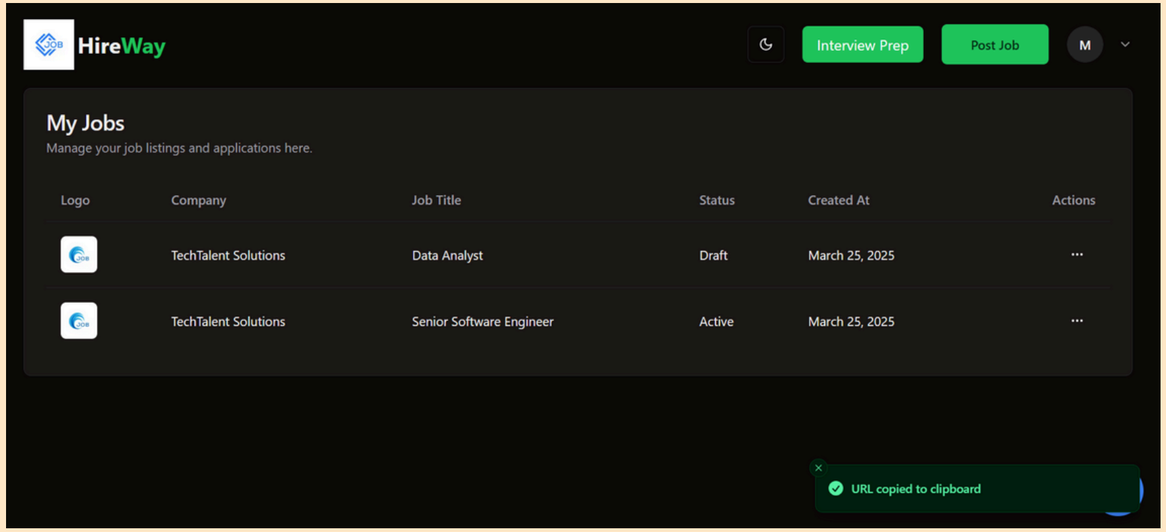
Create Job Page:



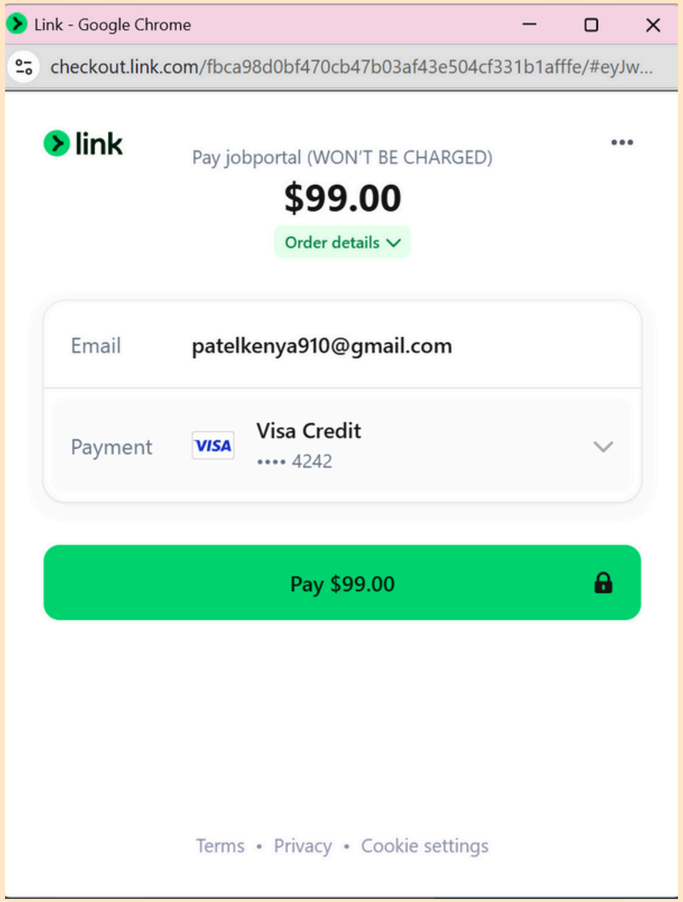


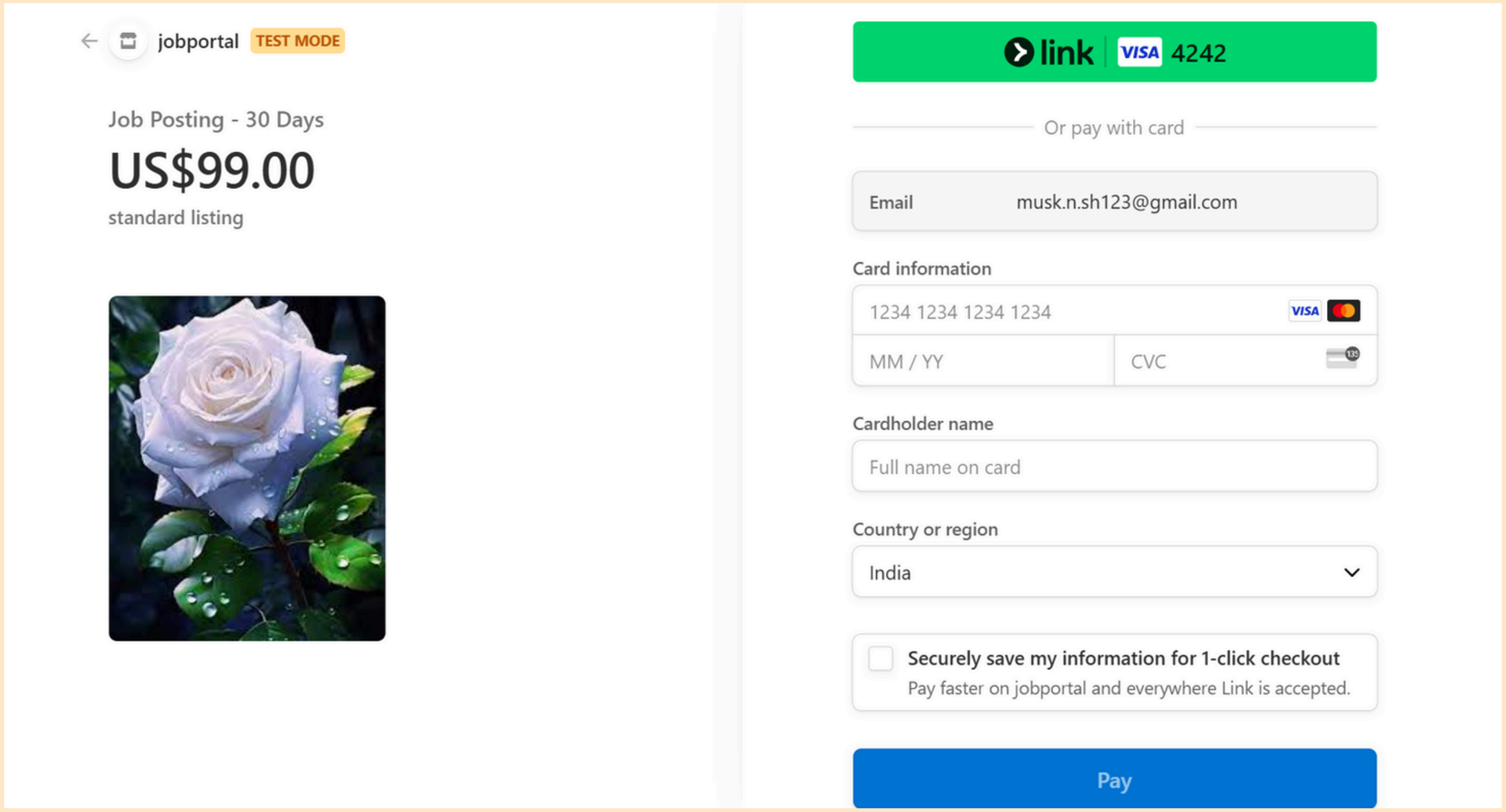


Copy the Job URL:



Payment Page::





THANK YOU