JOB PORTAL MANAGEMENT

By

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ABOUT THE INDUSTRY

- Company Name: Sumago InfoTech PVT NTD, Nashik
- Project Name: Job Portal Management
- Corporate Guide: Mrs.Pooja Dalvi
- Faculty Guide: Prof. J.N.Ganthade And Prof. R.S.Gaikwad
- Period Of Internship: 10 Days
- Designation: Amrutvahini College Of Engineering, Sangamner

INTRODUCTION

- Our job portal management website revolutionizes the hiring process, providing a seamless and time-efficient platform for both employers and job seekers.
- We are committed to continuous improvement, with plans for ongoing development to introduce new features and elevate user experience in the ever-evolving job market.
- In crafting our job portal management website, we've leveraged the power of React.js for dynamic and responsive user interfaces, coupled with Express.js and Node.js for a robust and scalable backend. MongoDB serves as our database of choice, ensuring flexibility and efficiency in managing vast amounts of user and job data

PURPOSE

- The purpose of this project is to establish a compellingonline presence for our job portal management, utilizing the synergies of HTML, CSS, and MERN.
- This platform will facilitate the efficient matchingof job seekers with relevant job opportunities, streamliningthe hiring process for both employers and candidates.
- They provide a centralized platform for employers topost job openings and for job seekers to access a comprehensive database of available positions, promotingtransparency in the job market.
- Job portal management systems help employers manage a pool of potential candidates, enablingthem to track applications, communicate with applicants, and streamline the selection process.

TECHNOLOGIES USED

- HTML
- CSS
- MongoDB
- Express.js
- React.js
- Node.js
- React Bootstrap

1. HTML

- HTML stands for Hyper Text Markup Language
- HTML is the standard markup language for creating Web pages
- HTML describes the structure of a Web page

2. CSS

- CSS is a styling language used to control the presentation and layout of HTML .
- Selectors target specific elements, and styles can be set inline, internally, or externally for consistent design across web pages.
- CSS supports responsive design, animations, and enhances the visual appeal of websites.

3. React.js

- Simplifies UI development through a declarative approach.
- Fosters modular development with a component-based architecture.
- Optimizes performance by utilizing a Virtual DOM for efficient updates.

4. Node.js

- Extends JavaScript to the server side with Node.js.
- Employs a non-blocking, event-driven model for efficient handling of concurrent tasks.
- Abundant npm ecosystemfor a wide range of libraries and tools.

5. MongoDB

- MongoDB is a NoSQL database, offering a flexible and schema-free data model, allowing for dynamic and scalable data storage.
- It follows a document-oriented data structure, storing data in JSON-like BSON documents, making it easy to represent complex relationships and hierarchies.

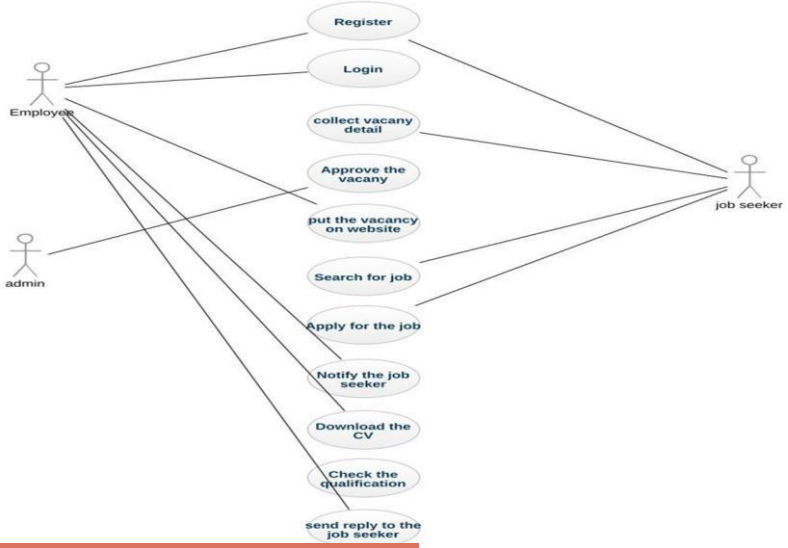
6. Express.js

- Express.js offers a minimalist and efficient framework for building scalable Node.js web applications.
- Known for its robust middleware architecture, Express.js enables modular and reusable components, enhancing application flexibility.
- Express.js streamlines route handling, making it easy to map HTTP methods and URLs to specific functions, simplifying API and web route creation.

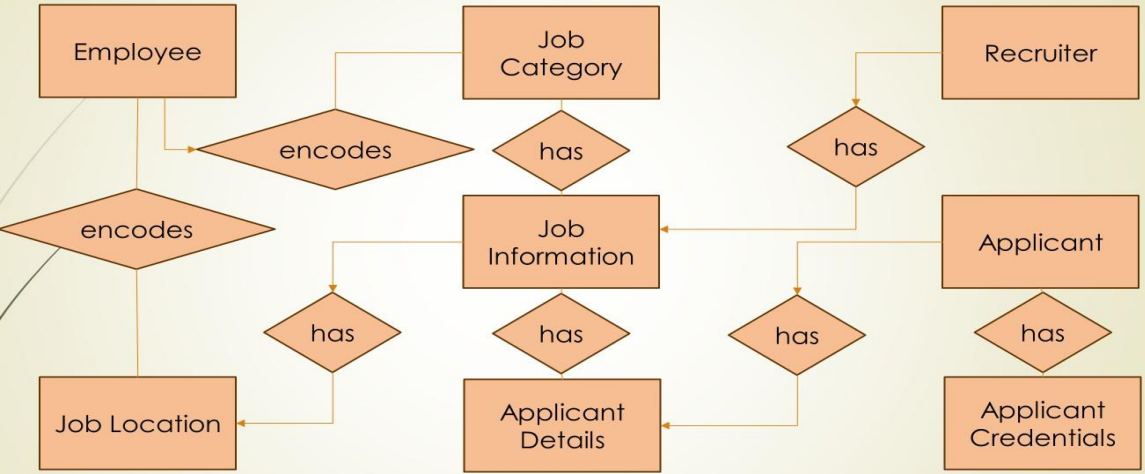
7. React BOOTSTRAP

- React Bootstrap integrates Bootstrap's design and components directly into React projects.
- Ensures visual consistency by aligning with Bootstrap's design principles for responsive and polished user interfaces.
- Easily incorporate Bootstrap components into React applications, streamlining development while maintaining a React-centric workflow.

Use Case Diagram



DATA FLOW DIAGRAM



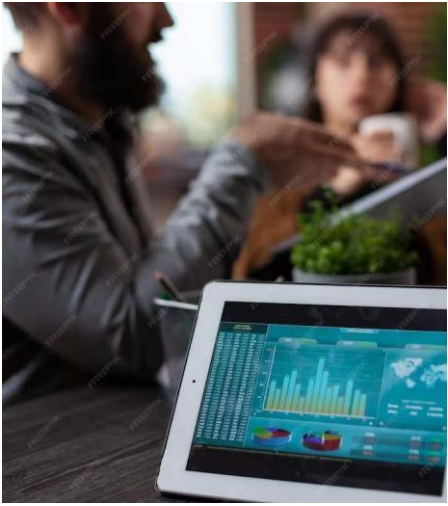
IMPLEMENTATION DETAILS

➢ **Software Requirements:**

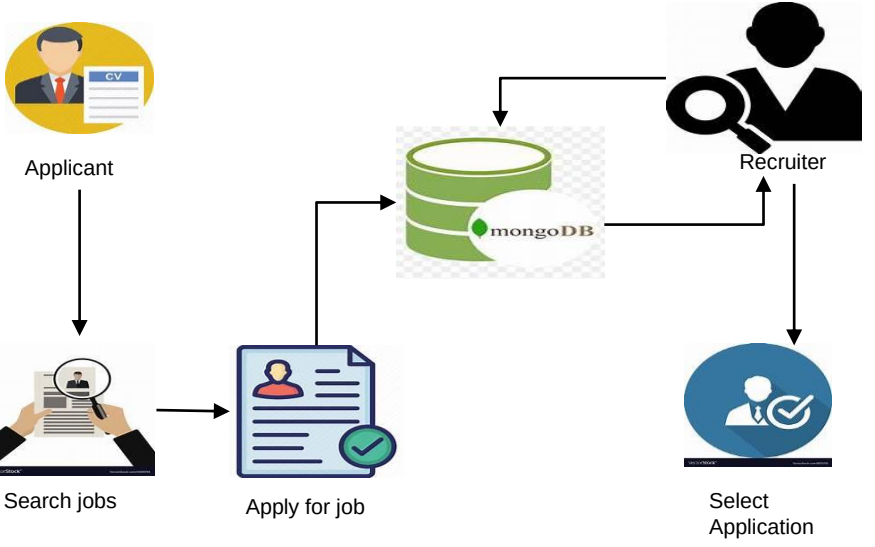
- Operating system: Windows, Linux, Mac
- Web Browser: Chrome, IE, Firefox, or any compatible browser
- Front end: React.js
- Backend: Express.js,Node.js
- Database: MongoDB
- Documentation Tool: MS-Office

➢ **Hardware Requirement:**

- Processor: 32 or 64 bit
- RAM: 1 or 2GB
- Disk: 120GB Hard disk or SSD

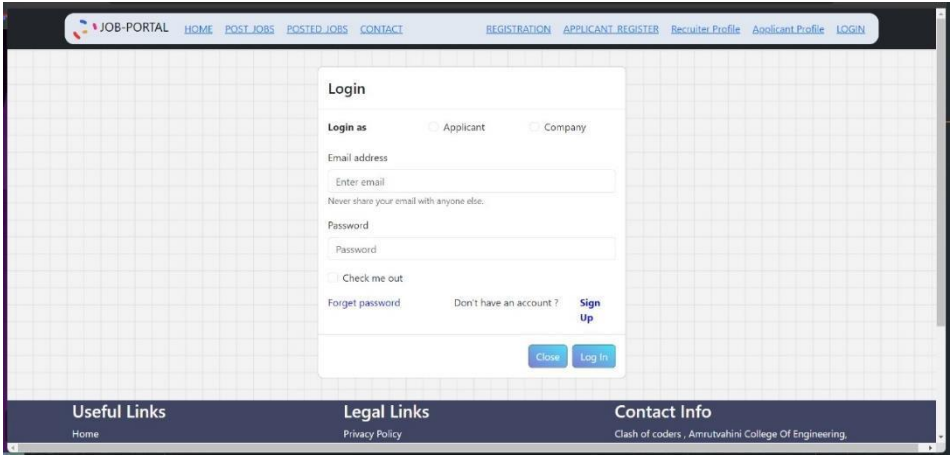


IMPLEMENTATION FLOW



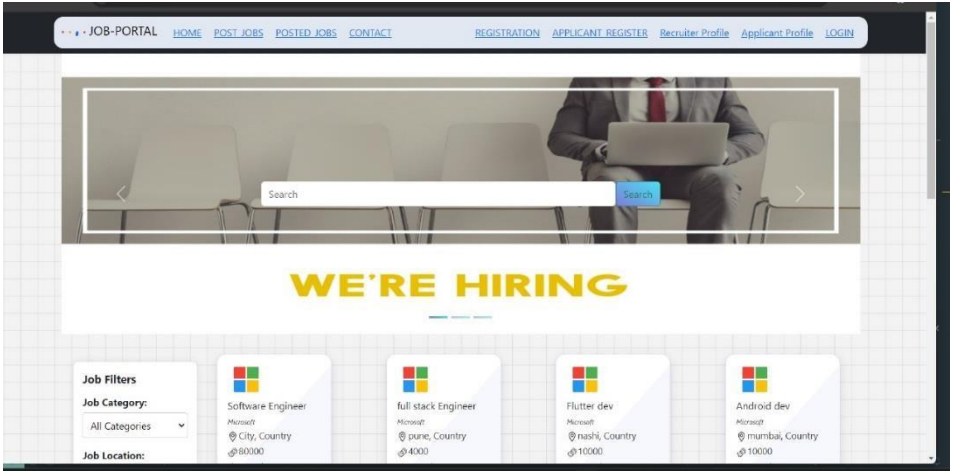
SCREEN LAYOUTS

LOGIN:



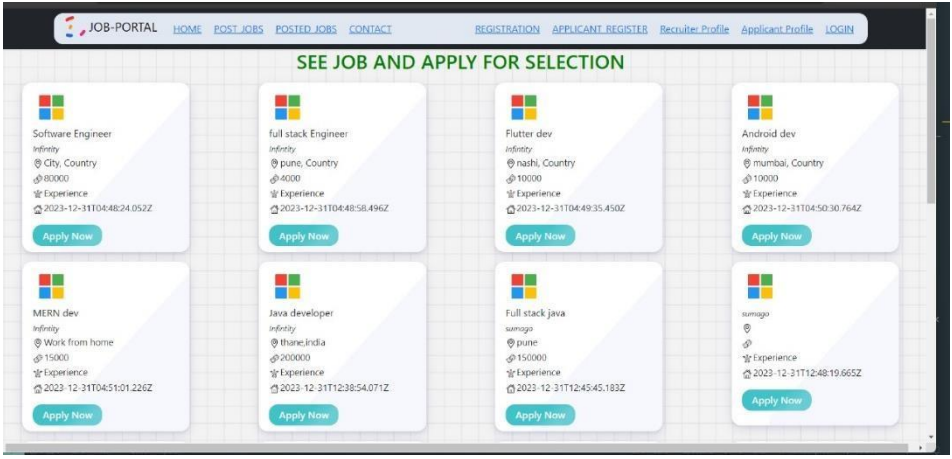
SCREEN LAYOUTS

HOME:



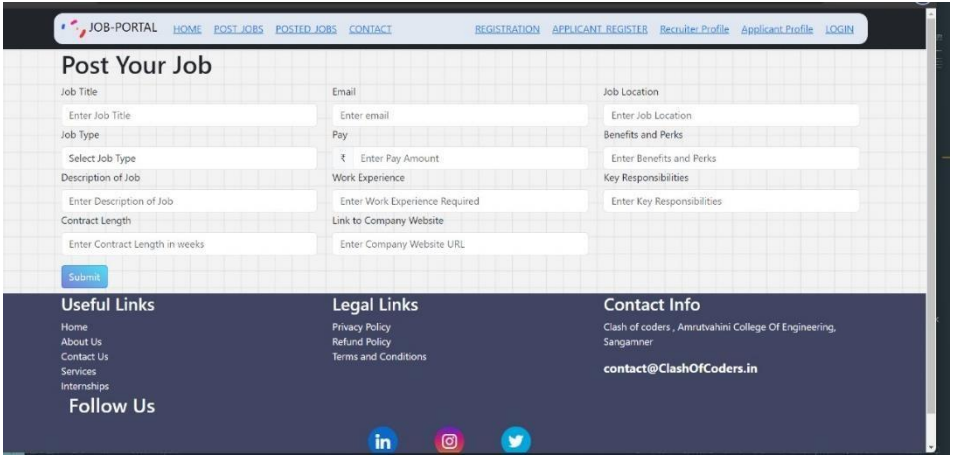
SCREEN LAYOUTS

VIEW JOB:



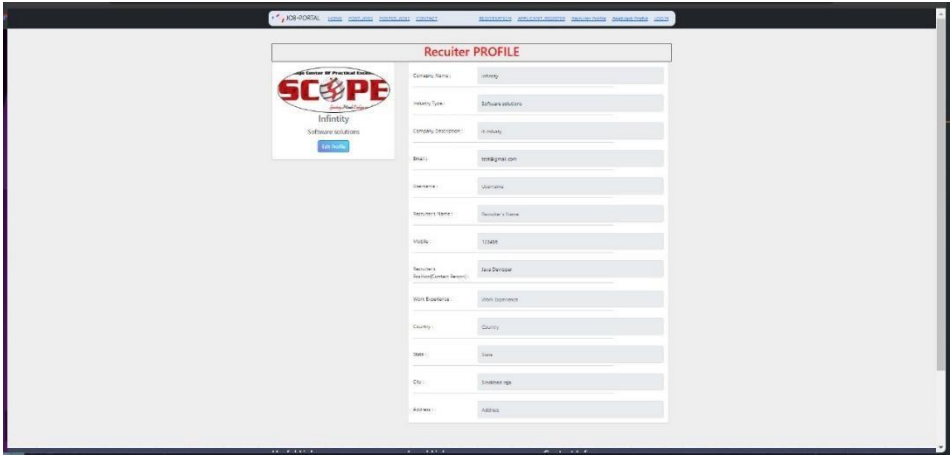
SCREEN LAYOUTS

POST JOB:



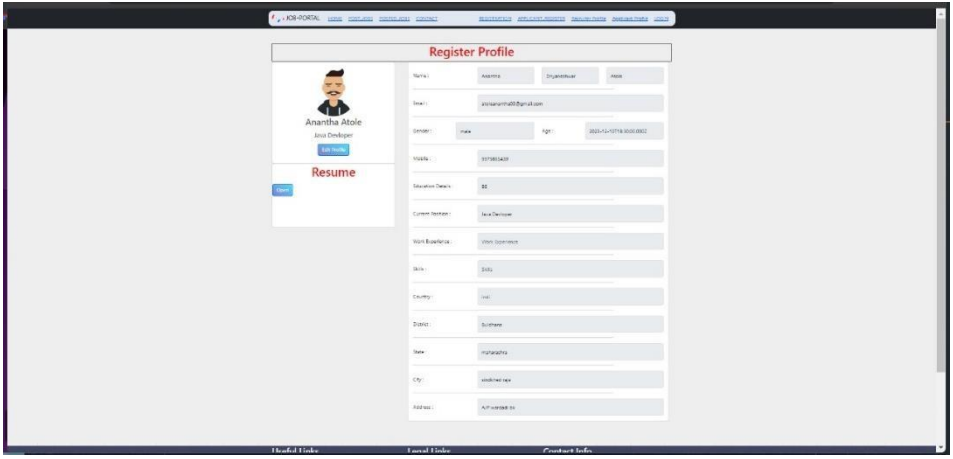
SCREEN LAYOUTS

RECRUITER PROFILE:



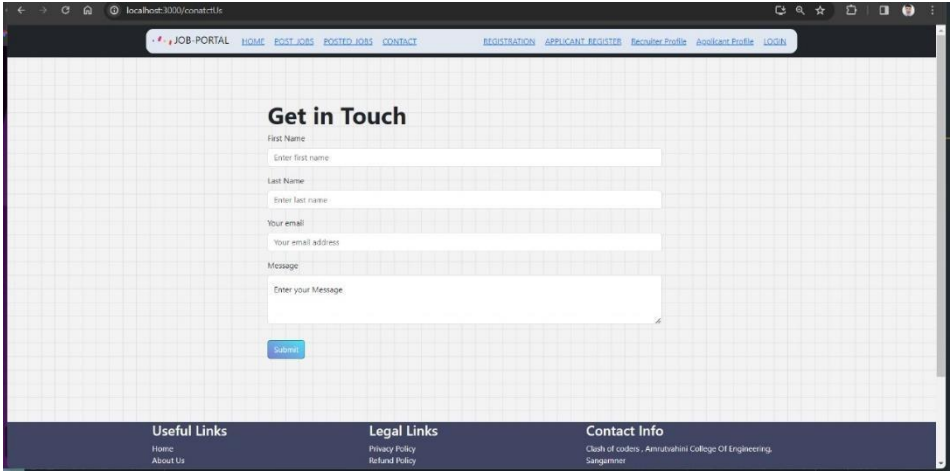
SCREEN LAYOUTS

Register:



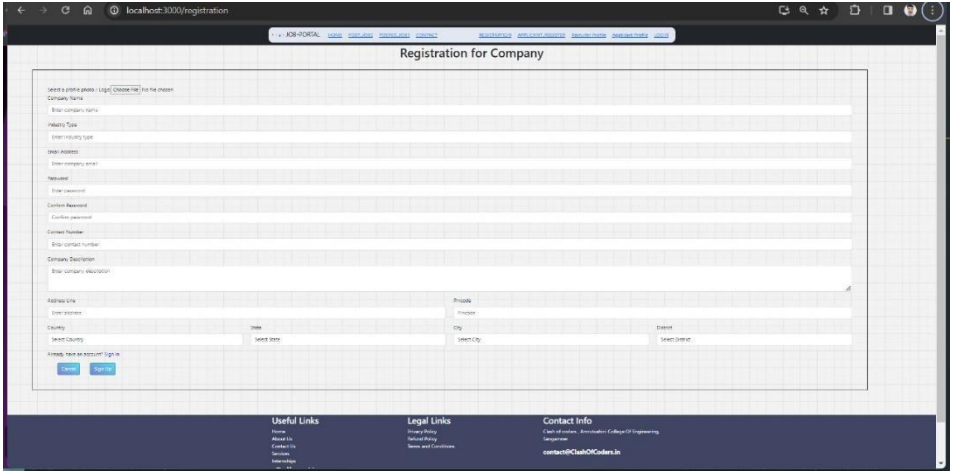
SCREEN LAYOUTS

CONTACT US:



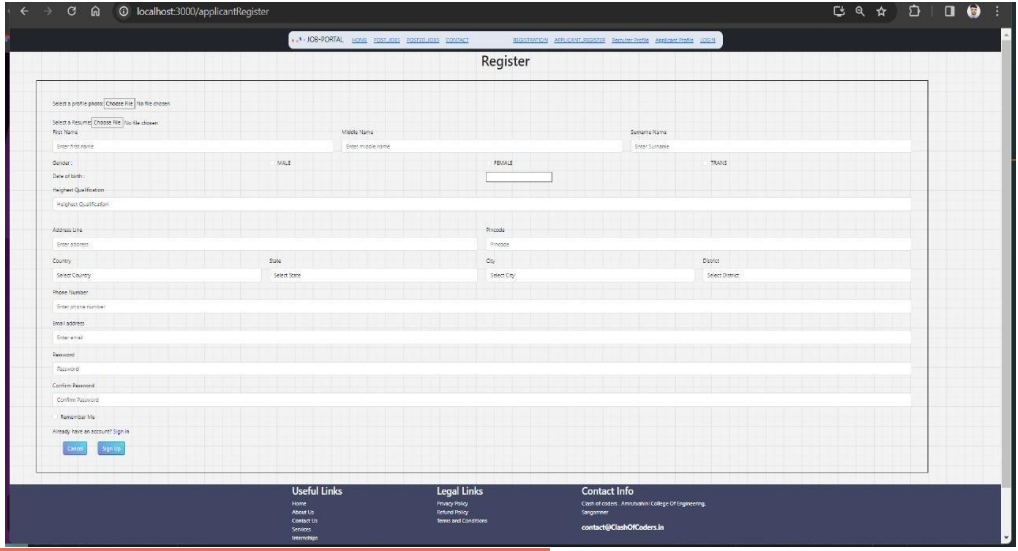
SCREEN LAYOUTS

COMPANY REGISTRATION:



SCREEN LAYOUTS

REGISTER USER:



CONCLUSION

In the culmination of this project, our MERN-based job portal maximizes efficiency and user experience by leveraging MongoDB, Express.js, React, and Node.js. With centralized listings and seamless integration, it offers a dynamic solution for connecting job seekers with employers, streamlining the recruitment process effectively.