

# JOB PORTAL MANAGEMENT

By

Mr.Atole Anantha Dnyaneshwar	3107
Mr.Bendre Tushar Karbhari	3115
Ms.Dighe Gauri Vishwanath	3133
Ms. Ekhande Avantika Sunil	3135
Mr. Kotkar Saurabh Dattatray	3163





## 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 compelling online presence for our job portal management, utilizing the synergies of HTML, CSS, and MERN.
- This platform will facilitate the efficient matching of job seekers with relevant job opportunities, streamlining the hiring process for both employers and candidates.
- They provide a centralized platform for employers to post job openings and for job seekers to access a comprehensive database of available positions, promoting transparency in the job market.
- Job portal management systems help employers manage a pool of potential candidates, enabling them 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 ecosystem for 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

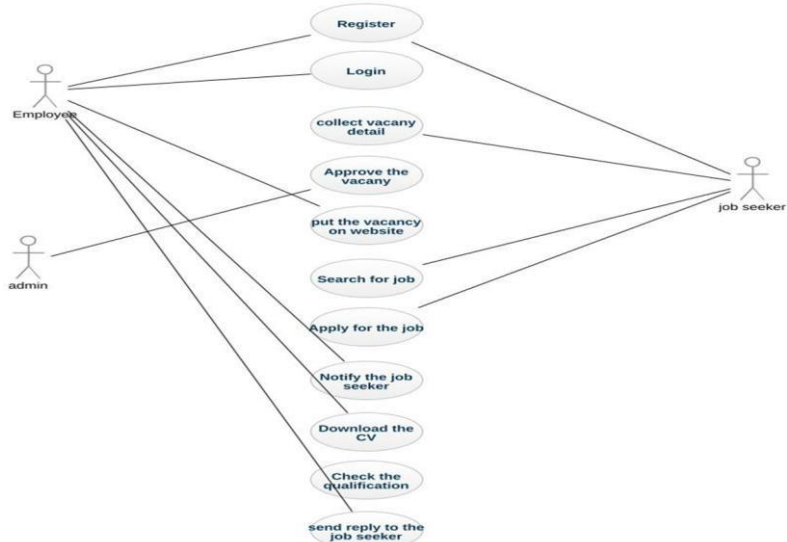
- Express.js offers a minimalist and efficient framework for building scalable Node.js web applications.
- Known for its robust middleware architecture, Express.js enables modular and reusable components, enhancing application flexibility.
- Express.js streamlines route handling, making it easy to map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

## 7. React BOOTSTRAP

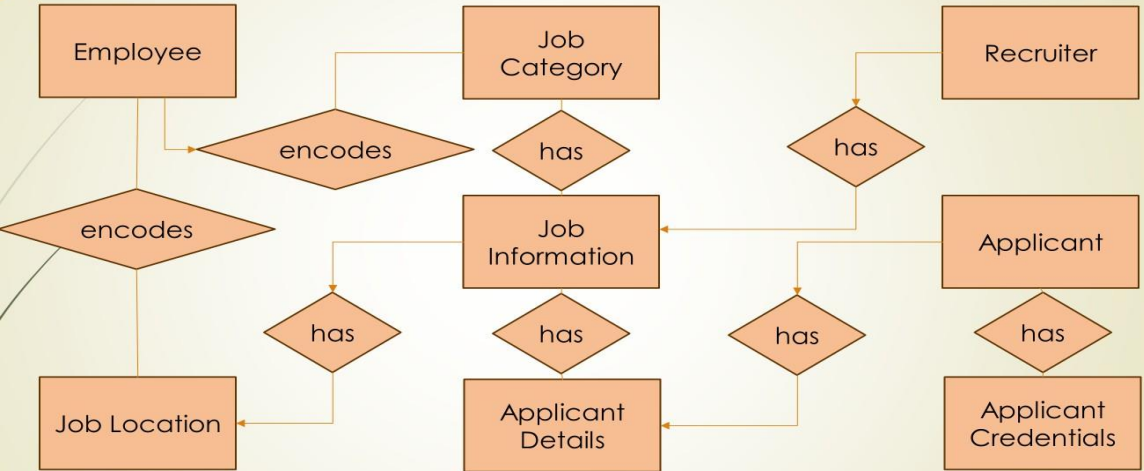
- React Bootstrap integrates Bootstrap's design and components directly into React projects.
- Ensures visual consistency by aligning with Bootstrap's design principles for responsive and polished user interfaces.
- Easily incorporate Bootstrap components into React applications, streamlining development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



# Use Case Diagram



# DATA FLOW DIAGRAM



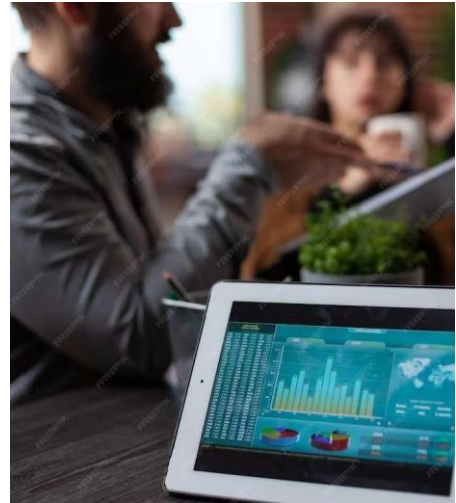
# IMPLEMENTATION DETAILS

## ➤ Software Requirements:

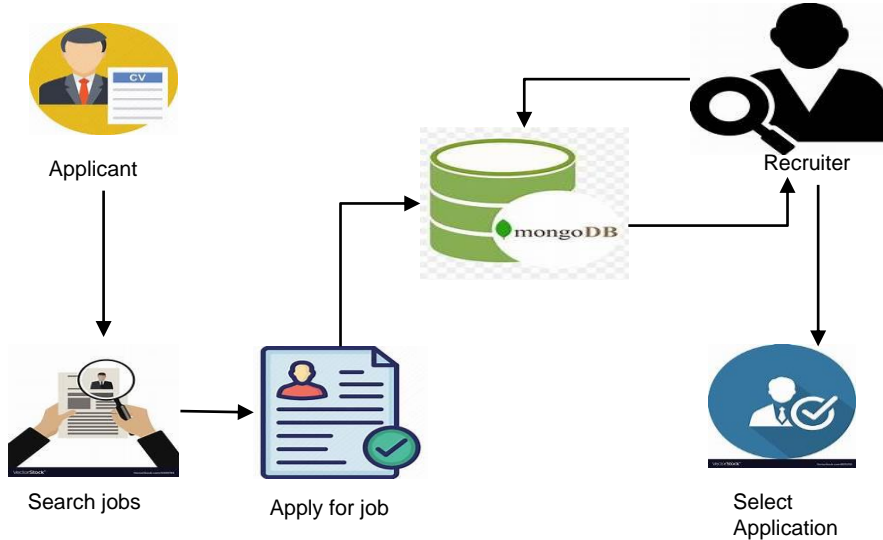
- Operating system: Windows, Linux, Mac
- Web Browser: Chrome, IE, Firefox, or any compatible browser
- Front end: React.js
- Backend: Express.js, Node.js
- Database: MongoDB
- Documentation Tool: MS-Office

## ➤ Hardware Requirement:

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



# IMPLEMENTATION FLOW



# SCREEN LAYOUTS

## LOGIN:

**JOB-PORTAL** [HOME](#) [POST JOBS](#) [POSTED JOBS](#) [CONTACT](#) [REGISTRATION](#) [APPLICANT REGISTER](#) [Recruiter Profile](#) [Applicant Profile](#) [LOGIN](#)

### Login

**Login as** ☐ Applicant ☐ Company

Email address

Never share your email with anyone else.

Password

☐ Check me out

[Forget password](#) [Don't have an account ?](#) [Sign Up](#)

[Close](#) [Log In](#)

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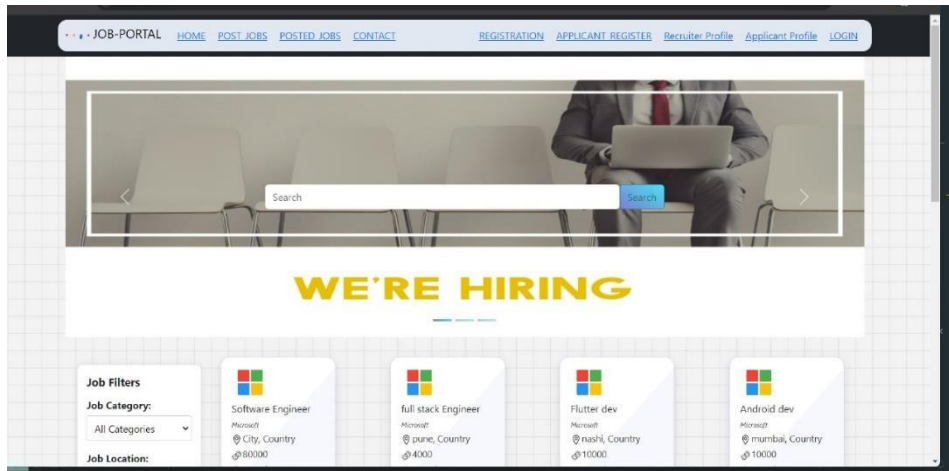
**Useful Links**  
[Home](#)

**Legal Links**  
[Privacy Policy](#)

**Contact Info**  
Clash of coders , Amrutvahini College Of Engineering.

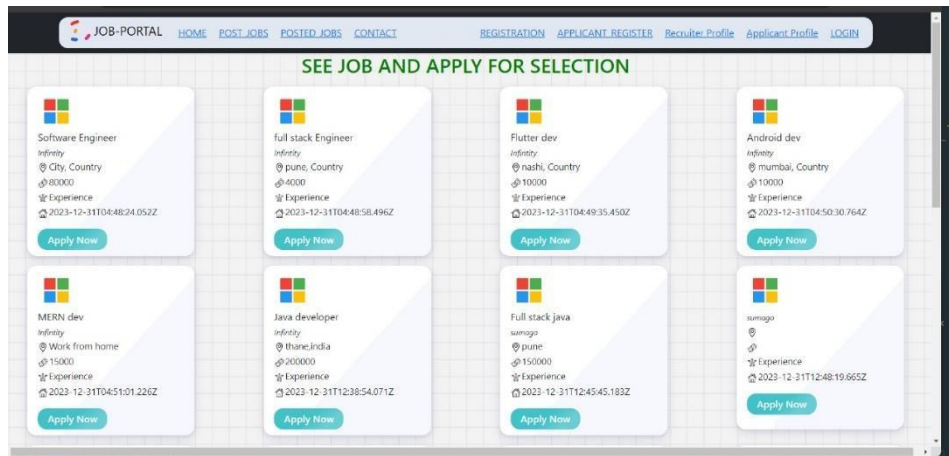
# SCREEN LAYOUTS

## HOME:




# SCREEN LAYOUTS

## VIEW JOB:



# SCREEN LAYOUTS

## POST JOB:

 **JOB-PORTAL** [HOME](#) [POST JOBS](#) [POSTED JOBS](#) [CONTACT](#) [REGISTRATION](#) [APPLICANT REGISTER](#) [Recruiter Profile](#) [Applicant Profile](#) [LOGIN](#)

### Post Your Job




Job Title <input type="text" value="Enter Job Title"/>	Email <input type="text" value="Enter email"/>	Job Location <input type="text" value="Enter Job Location"/>
Job Type <input type="text" value="Select Job Type"/>	Pay <input type="text" value="₹ Enter Pay Amount"/>	Benefits and Perks <input type="text" value="Enter Benefits and Perks"/>
Description of Job <input type="text" value="Enter Description of Job"/>	Work Experience <input type="text" value="Enter Work Experience Required"/>	Key Responsibilities <input type="text" value="Enter Key Responsibilities"/>
Contract Length <input type="text" value="Enter Contract Length in weeks"/>	Link to Company Website <input type="text" value="Enter Company Website URL"/>	

Submit

#### Useful Links

- [Home](#)
- [About Us](#)
- [Contact Us](#)
- [Services](#)
- [Internships](#)

#### Follow Us



#### Legal Links

- [Privacy Policy](#)
- [Refund Policy](#)
- [Terms and Conditions](#)

#### Contact Info

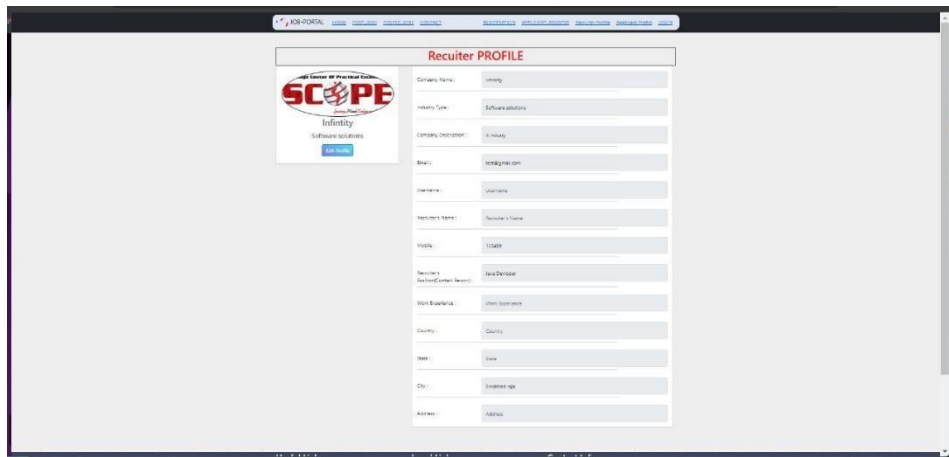
Clash of coders , Amrutvahini College Of Engineering,  
Sangamner

[contact@ClashOfCoders.in](mailto:contact@ClashOfCoders.in)



# SCREEN LAYOUTS

## RECRUITER PROFILE:



The screenshot displays a web application interface for a 'Recruiter PROFILE'. The page has a dark blue header with navigation links. The main content area is light gray. On the left, there is a logo for 'SCOPE' with the tagline 'Infinity Software solutions' and a 'Edit Profile' button. To the right of the logo is a form titled 'Recruiter PROFILE' with the following fields:

Field Label	Value
Company Name	Infinity
Industry Type	Software solutions
Company Description	IT industry
Email	hr@infinity.com
Username	username
Recruiter Name	Recruiter's Name
Mobile	123456
Recruiter's Designation (Select)	Java Developer
Work Experience	10th experience
Country	Country
State	State
City	Indians nag
Address	Address

# SCREEN LAYOUTS

Register:

**Register Profile**

**Profile Card:**

- 
- Anantha Atole**
- Java Developer
- [Edit Profile](#)
- [Resume](#)
- [Open](#)

**Registration Form Fields:**

- Name:**
- Email:**
- Gender:**  **Age:**
- Mobile:**
- Education Details:**
- Current Designation:**
- Work Experience:**
- Skills:**
- Country:**
- District:**
- State:**
- City:**
- Address:**

**Footer:**

- [Home](#) [About Us](#) [Contact Us](#) [Privacy Policy](#) [Terms & Conditions](#) [FAQ](#)

# SCREEN LAYOUTS

## CONTACT US:

The screenshot displays a web browser window at the URL `localhost:3000/contactUs`. The page features a dark header with the following navigation links: [HOME](#), [POST JOBS](#), [POSTED JOBS](#), [CONTACT](#), [REGISTRATION](#), [APPLICANT REGISTER](#), [Recruiter Profile](#), [Applicant Profile](#), and [LOGIN](#). The main content area has a light gray grid background and contains a 'Get in Touch' section with the following form fields:

- First Name**:
- Last Name**:
- Your email**:
- Message**:

A blue **Submit** button is located below the message field. The footer is dark blue and divided into three sections:

- Useful Links**: [Home](#), [About Us](#)
- Legal Links**: [Privacy Policy](#), [Refund Policy](#)
- Contact Info**: Clash of coders , Annuravahini College Of Engineering, Sangamner

# SCREEN LAYOUTS

## COMPANY REGISTRATION:

localhost:3000/registration

JOB-PORTAL

### Registration for Company

Select a profile photo | Login | Choose file | No file chosen

Company Name  
Enter company name

Industry Type  
Enter industry type

User Address  
Enter company email

Password  
Enter password

Confirm Password  
Confirm password

Contact Number  
Enter contact number

Company Description  
Enter company description

Address Line  
Enter address

Country  
Select Country

State  
Select State

City  
Select City

District  
Select District

Already have an account? Sign in

Cancel Sign Up

**Useful Links**  
Home  
About Us  
Contact Us  
Services  
Interviews

**Legal Links**  
Privacy Policy  
Refund Policy  
Terms and Conditions

**Contact Info**  
Clash of Coders, Amritsar College Of Engineering,  
Gurgaon  
contact@ClashOfCoders.in

# SCREEN LAYOUTS

## REGISTER USER:

localhost:3000/applicantRegister

JOB-PORTAL [HOME](#) [POST JOBS](#) [POSTED JOBS](#) [CONTACT](#) [REGISTRATION](#) [APPLICANT REGISTER](#) [Recruiter Profile](#) [Applicant Profile](#) [LOGOUT](#)

### Register

Select a profile photo  No file chosen

Select a Resume  No file chosen

First Name

Middle Name

Surname Name

Gender : ☐ MALE ☐ FEMALE ☐ TRANS

Date of birth:

Highest Qualification

Address Line

Pincode

Country

State

City

District

Phone Number

Email address

password

Confirm Password

☐ Remember Me

Already have an account? [Sign In](#)

#### Useful Links

- [Home](#)
- [About Us](#)
- [Contact Us](#)
- [Services](#)
- [Internships](#)

#### Legal Links

- [Privacy Policy](#)
- [Refund Policy](#)
- [Terms and Conditions](#)

#### Contact Info

Clash of coders - Annaiah College Of Engineering,  
Tangannur

[contact@ClashOfCoders.in](mailto:contact@ClashOfCoders.in)

# 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.