

JOB FINDER

- DEVELOPED BY:

- Patel Vrund H.
(IT109,21ITUON155)

- Internal Guide:

- Prof. Nilamba Vala

- External Guide:

- Mr. Satyesh Soni

Project Definition

- **Definition**

- The Job Finder Website is a full-stack web application that connects job seekers with employers through real-time job listings, smart search filters, and secure application tracking. Built using modern front-end and back-end technologies, it offers a seamless user experience, scalable data handling, and personalized job recommendations to streamline the hiring process.

- **Scope**

- The Job Finder Website is a full-stack web application developed using Node.js and React to streamline job search and recruitment processes. It enables real-time job postings, secure user authentication, and dynamic filtering of listings, supporting efficient career placement and talent acquisition across various industries.

- **Objective**

- The Job Finder Website is a user-centric platform that simplifies job searching, application tracking, and recruitment management. Built with Node.js and React, it enables real-time job updates, secure profile handling, and intelligent job matching to connect talent with opportunities, streamline hiring processes, and enhance career growth.

Training Taken in Industry

Back-End (8 weeks)

- RESTful API Development using ASP.NET Core
- User Authentication and Authorization with JWT
- CRUD Operations with MongoDB Database
- API Testing using Postman
- Real-Time Notifications using SignalR

Basic Training (4 weeks)

- JavaScript
- Flow Diagrams and Exercises

Front-End (8 weeks)

- Responsive UI Development with React and Tailwind CSS
- State Management using React Hooks (useState, useEffect)
- Routing and Navigation using React Router
- Form Handling and Validation with JavaScript
- Integration with REST APIs using Axios

Summary of Work Done

| System Design Model | Iterative Waterfall Model |
|---|---------------------------|
| Flow Diagrams | 3 |
| No of Figures | 24 |
| Activity Diagram | 1 |
| Line of Code in project | Approx 6500 |
| Number of Test Cases performed per form | 6 |
| Number of forms | 2 |

Project Overview

- **Job Listings & Application Management**

- The system allows employers to post job vacancies with details like title, description, skills, and salary.
- Job seekers can browse listings, apply directly, and upload resumes and receives confirmation mails.
- All data is securely stored in a MongoDB database for future reference and analytics.

- **Real-Time Update**

- The platform provides real-time updates for new job postings using Socket.IO.
- Job seekers receive instant alerts when relevant jobs are posted.
- Employers get real-time notifications about application submissions.

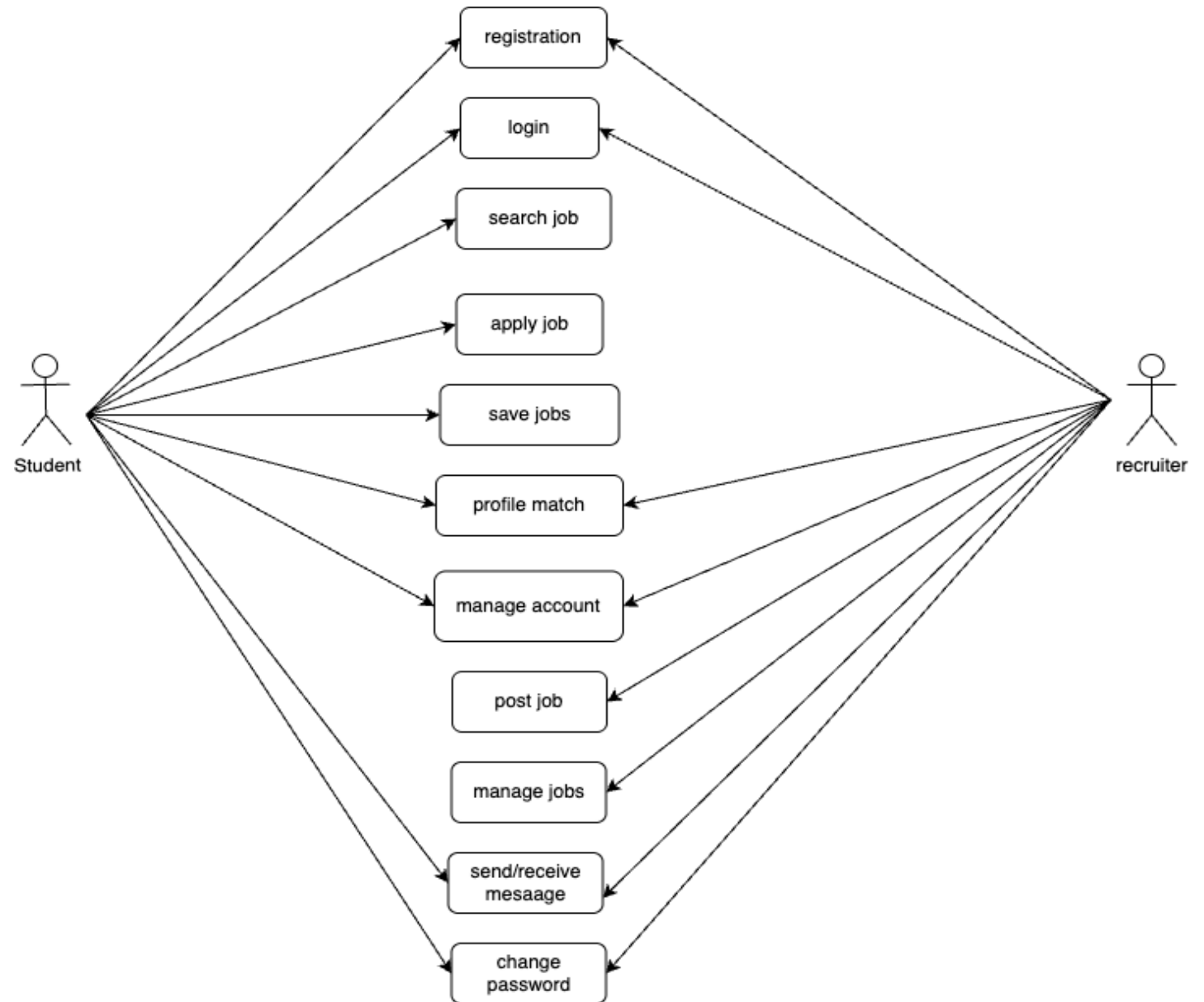
User Roles

- Admin: Manages users, monitors platform activity, and oversees job postings.
- Employers: Post job vacancies, manage applications, and view candidate profiles.
- Job Seekers: Create profiles, search and apply for jobs, and receive interview notifications.

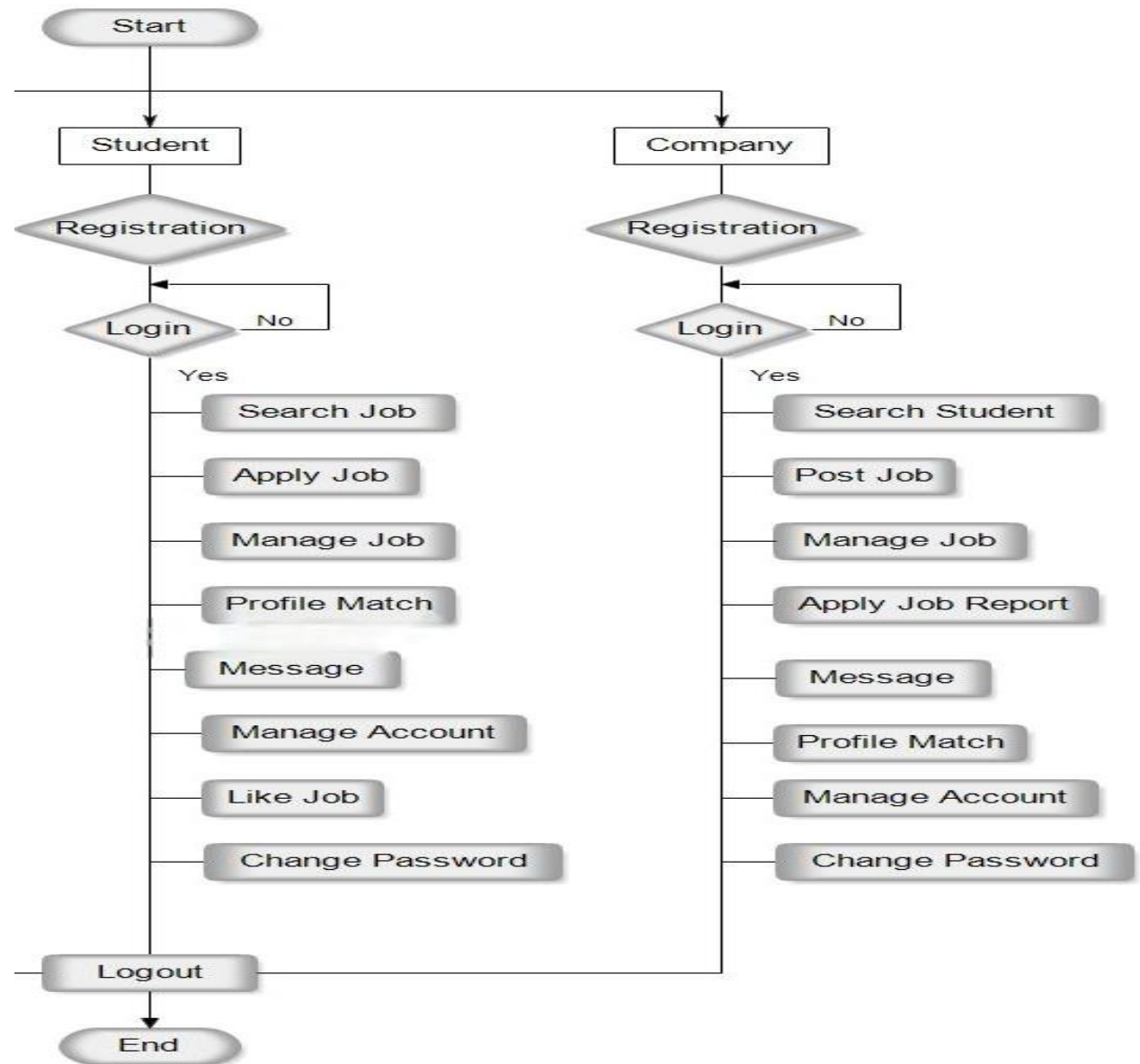
Smart Matching & Recommendations

- The system uses filtering and keyword matching to recommend jobs to seekers based on their profile.
- Employers are suggested top candidates that match job criteria.
- Improves hiring accuracy and saves time on both ends.

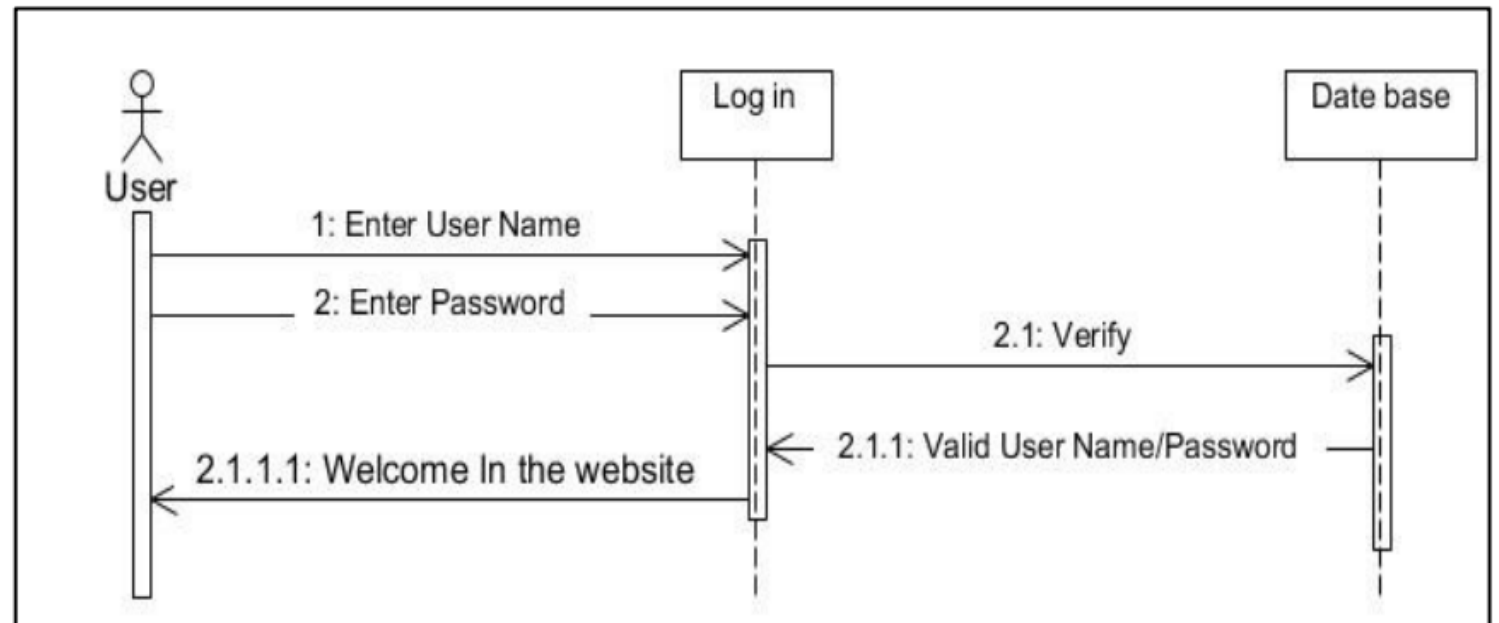
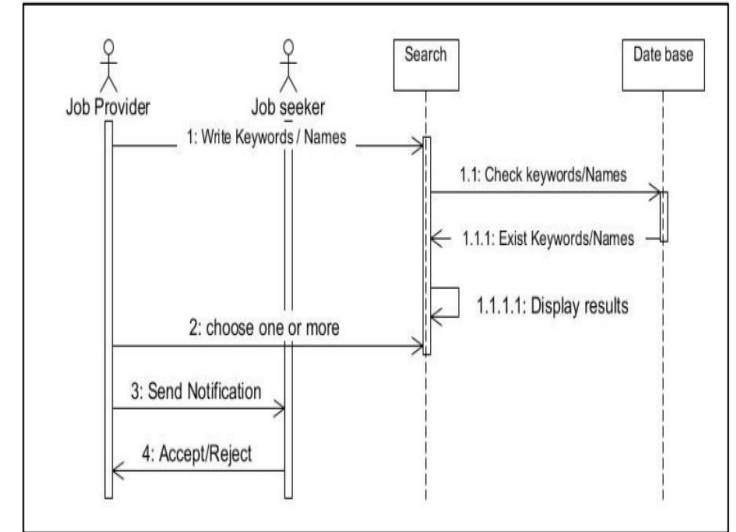
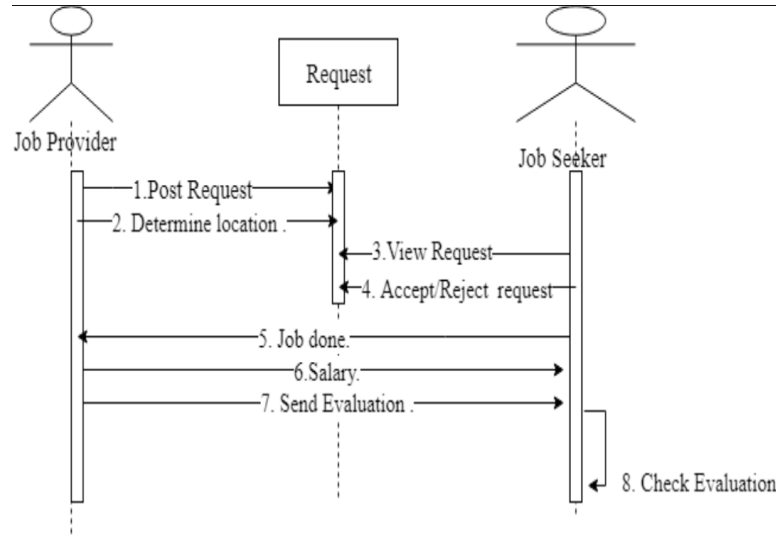
Use Case Diagram



Activity Diagram



Sequence Diagram



Student/Recruiter Sign-Up page

JobPortal

Home

Jobs

Browse

Login

Signup

Sign Up

Full Name

patel

Email

patel@gmail.com

Phone Number

8080808080

Password

patel@gmail.com

☐ Student

☐ Recruiter

Profile

Choose file No file chosen

Signup

Already have an account? [Login](#)

Student/Recruiter Login page

JobPortal

HomeJobsBrowse

LoginSignup

Login

Email

patel@gmail.com

Password

[Forgot Password?](#)

☐ Student ☐ Recruiter

Login

Don't have an account? [Signup](#)

Forgot Password and Reset password page

JobPortal[Home](#)[Jobs](#)[Browse](#)[Login](#)[Signup](#)

Forgot Password

Email

[Send Reset Link](#)

JobPortal[Home](#)[Jobs](#)[Browse](#)[Login](#)[Signup](#)


Reset Password

New Password

[Reset Password](#)

Reset Your Password

Inbox x



Job Finder <vrund.jobfinder@gmail.com>
to me ▾

Hi vrund patel,

Click the button below to reset your password:

[Reset Password](#)

If you didn't request this, ignore this email.









Recruiter Dashboard

localhost:5173/admin/companies

CompaniesJobs

Filter by name

New Company

| Logo | Name | Date | Action |
|---|-----------|------------|--------|
|  | Amazon | 2025-04-04 | ... |
|  | AMD | 2025-04-04 | ... |
|  | Apple | 2025-04-04 | ... |
|  | Facebook | 2025-04-04 | ... |
|  | IBM | 2025-04-04 | ... |
|  | Microsoft | 2025-04-04 | ... |
|  | Paypal | 2025-04-04 | ... |
|  | Google | 2025-04-04 | ... |
| | Netflix | 2025-04-04 | ... |

A list of your recent registered companies

Add Company

←

→

↻

localhost:5173/admin/companies/67f652290852a13699cdf7ac

🔑

🔍

☆

📄


⬇️

👤

⋮

JobPortal

CompaniesJobs



← Back

Company Setup

Company Name

snapchat

Description

A multinational technology company sp

Website

www.snapchat.in

Location

Chennai


Logo

Choose file No file chosen

Update

Edit Company

JobPortal

CompaniesJobs

[< Back](#)**Company Setup**

Company Name

Description

Website


Location

Logo


Update

Create new job

JobPortal

CompaniesJobs

Post a New Job

| | |
|---|---|
| Title | Description |
| <input type="text"/> | <input type="text"/> |
| Requirements | Salary |
| <input type="text"/> | <input type="text"/> |
| Location | Job Type |
| <input type="text"/> | <input type="text"/> |
| Experience Level | No. of Positions |
| <input type="text"/> | <input type="text" value="0"/> |
| Industry | |
| <input type="text" value="Select Industry"/> | |
| Deadline | Select Company |
| <input type="text" value="dd/mm/yyyy"/>  | <input type="text" value="Select a Company"/> |

Post New Job

Edit posted job

Edit Job

Title

Risk Analyst

Description

Monitor and assess transaction risks, implement fraud prev

Requirements

Risk modeling, SQL, Excel, Python

Salary

1900000

Location

Banglore

Job Type

Full Time

Experience Level

2

No. of Positions

4

Industry

QA Tester

Deadline

25/04/2025




Update Job

Applicants Page

JobPortal

Companies

Jobs

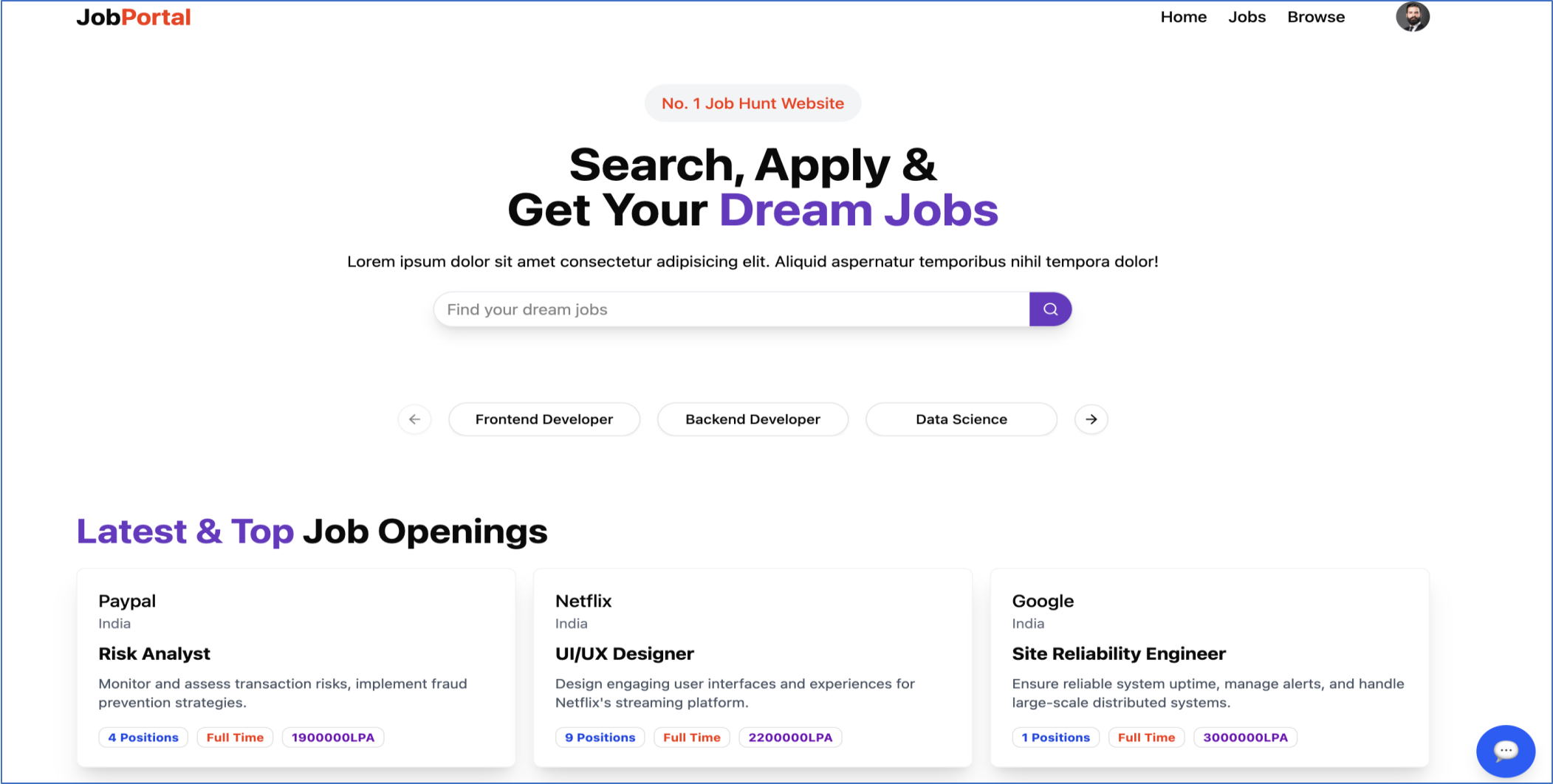


Applicants 1

| Full Name | Email | Contact | Resume | Date | Action |
|-------------|---------------------|------------|----------------------------------|------------|--|
| vrund patel | vrundp254@gmail.com | 9265080027 | vrund_resume.pdf | 2025-04-14 | <div><div>...</div><div><div>Accepted</div><div>Rejected</div></div></div> |

A list of your recent applied users

Student Home page



Jobs Searching Page

JobPortal

HomeJobsBrowse

Filter Jobs

Location

☐ Delhi

☐ Bangalore

☐ Hyderabad

☐ Pune

☐ Mumbai

Industry

☐ Frontend Developer

☐ Backend Developer

☐ FullStack Developer

☐ Cloud Engineer

☐ DevOps Engineer

☐ Machine Learning Engineer

☐ AI/ML Engineer

☐ Data Scientist

☐ Cybersecurity Engineer

☐ Blockchain Developer

☐ Game Developer

☐ Mobile Developer

☐ Product Manager

☐ UI/UX Designer

☐ QA Tester

☐ Others

Salary

☐ 0-40k

☐ 42-1lakh

Today

Facebook
Hyderabad

Data Analyst

Deadline: 25/04/2025

Analyze user behavior to improve platform features and drive engagement.

7 Position(s)

Full Time

4.0 LPA

Details

Apply Now

Today

Apple
Pune

Security Analyst

Deadline: 10/05/2025

Work on threat detection, system audits, and securing mobile ecosystems.

3 Position(s)

Full Time

28.0 LPA

Details

Apply Now

Today

Paypal
Bangalore

Risk Analyst

Deadline: 25/04/2025

Monitor and assess transaction risks, implement fraud prevention strategies.

4 Position(s)

Full Time

19.0 LPA

Details

Apply Now

Today

Netflix
Chennai

UI/UX Designer

Deadline: 31/05/2025

Design engaging user interfaces and experiences for Netflix's streaming platform.

9 Position(s)

Full Time

22.0 LPA

Details

Apply Now

Today

Google
Hyderabad

Site Reliability Engineer

Deadline: 03/05/2025

Ensure reliable system uptime, manage alerts, and handle large-scale distributed systems.

1 Position(s)

Full Time

30.0 LPA

Details

Apply Now

Today

AMD
Chennai

Machine Learning Engineer

Deadline: 05/05/2025

Develop machine learning models for hardware performance optimization.

2 Position(s)

Full Time

22.0 LPA

Details

Apply Now

All Jobs Page



Your Saved Jobs (2)

Today

Facebook
Hyderabad

Data Analyst

Deadline: 25/04/2025

Analyze user behavior to improve platform features and drive engagement.

7 Position(s) Full Time 4.0 LPA

Details Apply Now

Today

Apple
Pune

Security Analyst

Deadline: 10/05/2025

Work on threat detection, system audits, and securing mobile ecosystems.

3 Position(s) Full Time 28.0 LPA

Details Apply Now

All Jobs (12)

Today

Paypal
Bangalore

Risk Analyst

Deadline: 25/04/2025

Monitor and assess transaction risks, implement fraud prevention strategies.

1 Position(s) Full Time 4.0 LPA

Details Apply Now

Today

Netflix
Chennai

UI/UX Designer

Deadline: 31/05/2025

Design engaging user interfaces and experiences for Netflix's streaming platform.

1 Position(s) Full Time 28.0 LPA

Details Apply Now

Today

Google
Hyderabad

Site Reliability Engineer

Deadline: 03/05/2025

Ensure reliable system uptime, manage alerts, and handle large-scale distributed systems.


1 Position(s) Full Time 28.0 LPA

Details Apply Now



Chatbot Support

JobFinder Bot



×

Hi, vrund! 🙌 What would you like to explore?

Jobs

Salary


Location

Company

Type a message...

Send

JobFinder Bot



×

Hi, vrund! 🙌 What would you like to explore?

Jobs

Please select a job category below.

Full Stack Developer

Backend Developer

Cloud Engineer

IOS Developer

Software Development Engineer


Hardware Engineer

Frontend Developer

Type a message...

Send

JobFinder Bot



×


explore?


Jobs


Please select a job category below.


Full Stack Developer

Fetching jobs for Full Stack Developer...

 Full Stack Developer at Netflix

 Pune

 ₹undefined - ₹undefined

 Deadline: 2025-04-12T00:00:00.000Z

Job Details page

UI/UX Designer

Apply Now

Positions Full Time 2200000LPA

Job Description

Role: UI/UX Designer
Location: Chennai
Description: Design engaging user interfaces and experiences for Netflix's streaming platform.
Experience: yrs
Salary: 2200000LPA
Total Applicants: 0
Posted Date: 2025-04-15

Confirmation mail

Job Application Confirmation Inbox x



Job Finder <vrund.jobfinder@gmail.com>

to me ▼

Job Application Confirmation

Hi **vrund patel**,

You have successfully applied for the position of **UI/UX Designer** at **Netflix**.

We will notify you regarding the application status.

Thank you for using our job portal!

Best regards,

Job Finder Team 🚀


Student Profile page

JobPortal

Home


Jobs


Browse



Vrund patel

Full stack developer

 vrund@gmail.com

 9265080027

Skills

mernstack

next js

react js

Resume

[resume1.png](#)

Applied Jobs

| Date | Job Role | Company | Status |
|------------|-------------------------------|-----------|----------|
| 2025-04-04 | Software Development Engineer | Amazon | PENDING |
| 2025-04-04 | iOS Developer | Apple | PENDING |
| 2025-04-04 | Frontend Engineer | Facebook | PENDING |
| 2025-04-04 | Hardware Design Engineer | AMD | ACCEPTED |
| 2025-04-04 | Cloud Solutions Architect | Microsoft | ACCEPTED |
| 2025-04-04 | Backend Software Engineer | Paypal | REJECTED |
| 2025-04-04 | Machine Learning Engineer | Google | ACCEPTED |

Edit Profile Page

Update Profile

Name

Vrund patel

Email

vrund@gmail.com

Number

9265080027

Bio

Full stack developer

Skills

mernstack,next js, react js

Resume

Choose file No file chosen

Update

Future Enhancement

- **Interactive dashboard** for recruiters, and students with analytics.
- **Integrated chat system** between recruiters and applicants.
- **Job posting approval workflow** for admin moderation.
- **Gamified experience system** to increase user engagement.
- **Flowchart of job application process** for user clarity.

Thank You