

# Job Application Portal

HeroVired Capstone project

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Create a Job portal website where:

A candidate will:

- Create account

  - > Email

  - > Password

- Login

- Add details in profile like

  - > Phone number

  - > Current company

  - > Current CTC

  - > Current role

  - > About

  - > Profile picture

  - > Upload CV

  - > Add skills

- View the list of jobs

- Refer Figma design for the information

  - Apply in those jobs

Figma Design: <https://www.figma.com/file/VhTa9EH1FxsZljiVr7xc8u/Jobs?nodeid=0%3A1&t=jYeEhJrdIXVKF4Ak-3>

Tech expectation:

- Frontend: React

- Backend: Ruby on Rails

- Database: PostgreSQL

Backend tasks :

1. Create new rails project

  - > rails new jobportal -d postgresql

2. Configuring the database.yml

  - Setting databasename:<dbname>

    - postgresuser:<postgresr>

    - password :<password>

    - host :<localhost>

3. Installation of bcrypt gem

## Job Application Portal

Add "gem bcrypt" in Gemfile

### 4. Creation of migration files for respective tables:

```
> rails db migration create_candidateapplication  
> rails db migration create_candidatejob  
> rails db migration create_candidateprofile  
> rails db migration create_jobdetail  
> rails db migration create_job  
> rails db migration create_user
```

DB Schema:

```
create_table "candidateapplications", force: :cascade do |t|  
  t.integer "userid"  
  t.string "jobcode"  
  t.date "applieddate"  
  t.string "candidateapplicationstatus"  
  t.string "location"  
  t.datetime "created_at", null: false  
  t.datetime "updated_at", null: false  
  t.integer "jobid"  
end
```

```
create_table "candidatejobs", force: :cascade do |t|  
  t.string "jobcode"  
  t.string "applicationstatus"  
  t.string "appliedon"  
  t.datetime "created_at", null: false  
  t.datetime "updated_at", null: false  
  t.integer "candidateid"  
end
```

```
create_table "candidateprofiles", force: :cascade do |t|  
  t.string "firstname"  
  t.string "lastname"  
  t.string "email"  
  t.string "contact"  
  t.string "address"  
  t.string "about"  
  t.string "profilepic"  
  t.string "company"  
  t.integer "ctc"  
  t.integer "experience"  
  t.string "role"  
  t.string "skills"  
  t.string "resumelink"  
  t.integer "expectedsalary"  
  t.string "preferedlocation"  
  t.datetime "created_at", null: false  
  t.datetime "updated_at", null: false  
end
```

```
create_table "jobdetails", force: :cascade do |t|
```

## Job Application Portal

```
t.string "jobtitle"
t.string "jobdescription"
t.string "companyname"
t.string "jobtype"
t.string "location"
t.integer "salary"
t.date "posteddate"
t.string "domain"
t.string "jobcode"
t.string "skillsrequired"
t.string "applicationstatus"
t.datetime "created_at", null: false
t.datetime "updated_at", null: false
end

create_table "jobs", force: :cascade do |t|
  t.string "title"
  t.string "description"
  t.string "location"
  t.string "jobtype"
  t.string "salary"
  t.string "company"
  t.string "domain"
  t.string "jobcode"
  t.string "skills"
  t.date "posted_on"
  t.datetime "created_at", null: false
  t.datetime "updated_at", null: false
end

create_table "users", force: :cascade do |t|
  t.string "email"
  t.string "password_digest"
  t.datetime "created_at", null: false
  t.datetime "updated_at", null: false
end
```

### 5. Generated respective Models for tables for adding constraints

```
> Candidateapplication.rb
> Candidatejobs.rb
> candidateprofile.rb
> jobdetail.rb
> jobs.rb
> user.rb
```

### 6. Created of controllers for APIs

```
> rails generate controller candidatejob
```

Controller for APIs to fetch candidate job detail

```
> rails generate controller candidateprofile
```

## Job Application Portal

Controller for APIS to fetch candidate profile

> rails generate controller jobdetail

Controller for APIs to fetch jobdetails to display in all

jobs page

> rails generate controller user

Controller for APIs to fetch user details for authentication

> rails generate controller login

Controller for APIs to authenticate user

> rails generate controller logout

Controller for APIs to handle logout

> rails generate controller jobstatus

Controller for APIs to fetch job details of candidate based

on job status

type

> rails generate controller jobstatuscount

Controller for API to get jobs count to display in

dashboard

by job type

> rails generate controller user

Controller for APIs to create new user

> rails generate controller profilebyemail

Controller for APIs to get user profile detail on POST request with useremail

> rails generate controller getappliedjobs

Controller for APIs to get applied jobs details based on from candidateapplication details and jobdetails

join query

Frontend Tasks:

React Components:

Creating react application:

> npx create-react-app jobportal

Installation of required library

## Job Application Portal

- > npm install react-router-dom

- > npm install axios (To fetch data asynchronously from the postgres database using APIs created above with Rails)

### React Components creation using Functional Components

- > Login
- > Profile Page
- > Header
- > AllJobs
- > Eligible Jobs
- > Applied Jobs
- > Shortlisted Jobs
- > Interviewing Jobs
- > Rejected Jobs
- > Offer received Jobs

### Reused components

- > Header
- > Login Header
- > Searchboxcontainer
- > Dropdown
- > JobCard
- > Snapshotcard
- > JobPostingCard

### UseHooks used in the project :

- > useEffect for fetching data
- > useState hook to set applied job details in the frontend and display
- > useLocation to get data passed between routes
- > useContext to propagate user data (userid, userskillset, user profile image link) to all components in the App
- > Link from router-react-dom library to navigate between pages

> Eligible jobs data is being filtered from all jobs data in the Dashboard/ AllJobs page using map filter based on userid and use skillset fetched from useContext to avoid an additional API hit to the database.

> The page renders 'Loading' status until the data is fetched successfully from the database

> Clicking on the page logo redirects to the dashboard page currently.

## Job Application Portal

### User Login Page:

HERO

**vired**

A HERO GROUP  
COMPANY

### Login to Career Gateway

Email Address

Password

Sign In

Yet to Register ? [Sign Up](#)

### User Signup Page:

HERO

**vired**

A HERO GROUP  
COMPANY

### Login to Career Gateway

Email Address

Password

Register

# Job Application Portal

Profile Creation Page :

hero

**vired**

A HERO GROUP  
COMPANY


Dashboard

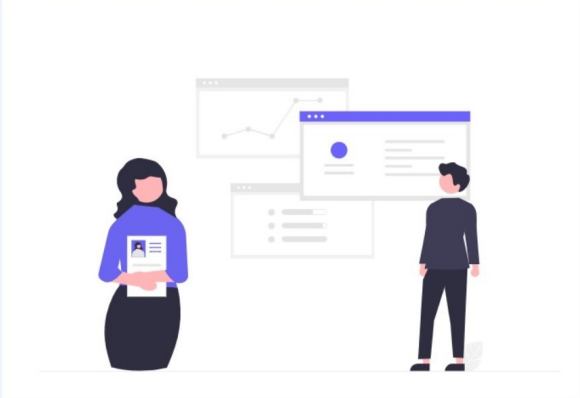
Application Profile

Applied Jobs

Activity

Job Agent





First Name

Albert

Last Name

Einstein

Email

Phone Number

Current Company

ZZZ

Current Role

Developer

Current CTC

90

Experience

25

Key Skills

Java x SQL x

Expected Salary

100

Location Preference

Profile Picture

<https://media.gettyimages.com/id/3304175/photo/german-swiss-us-mathematical-physicist>

Resume Link

<https://www.linkedin.com/in/einstein-1/>

Save Profile

# Job Application Portal

## Dashboard Page:

HERO

**Vired**

A HERO GROUP COMPANY

DashboardApplication ProfileApplied JobsActivityJob Agent

Snapshot

All Jobs

6

>

Eligible Jobs

3

>

Applied Jobs

5

>

My Applications

Shortlisted

6

>

Interviewing

3

>

Rejected

5

>

Offer Received

5

>

All Jobs

Search

All Jobs

Industry

Location

Job Type

Posted Date

JD-IT-002-Developer

Applied

Bengaluru

Full time

200

RFC

Test Driven Development with Agile Lifecycle. Responsibilities include maintaining legacy code, creating new components and fixing P1/P2 issues.

My Applications

Shortlisted

2

>

Interviewing

1

>

Rejected

2

>

Offer Received

2

>

All Jobs

Search

All Jobs

Industry

Location

Job Type

Posted Date

JD-IT-002-Developer

Applied

Bengaluru

Full time

200

RFC

Test Driven Development with Agile Lifecycle. Responsibilities include maintaining legacy code, creating new components and fixing P1/P2 issues.

JD-IT-003-Developer

Apply

Bengaluru

Full time

200

TRY

Test Driven Development with Agile Lifecycle. Responsibilities include maintaining legacy code, creating new components and fixing P1/P2 issues.



# Job Application Portal

## Eligible Jobs Page:

HERO

**Vired**

A HERO GROUP COMPANY

DashboardApplication ProfileApplied JobsActivityJob Agent

EligibleJobs

< Back to search results

Search

All Jobs

Industry

Location

Job Type

Posted Date

JD-IT-002-Developer

Apply

Bengaluru

Full time

200

RFC

Test Driven Development with Agile Lifecycle. Responsibilities include maintaining legacy code, creating new components and fixing P1/P2 issues.

JD-IT-001-Developer

Apply

Bangalore

Hybrid

290

ABS

Test Driven Development with Agile Lifecycle. Responsibilities include maintaining legacy code, creating new components and fixing P1/P2 issues

## Applied Jobs Page:

HERO

**Vired**

A HERO GROUP COMPANY

DashboardApplication ProfileApplied JobsActivityJob Agent

Applied Jobs

< Back to search results

Search

All Jobs

Industry

Location

Job Type

Posted Date

JD-IT-003-Developer

Applied

Bengaluru

Full time

200

TRY

Test Driven Development with Agile Lifecycle. Responsibilities include maintaining legacy code, creating new components and fixing P1/P2 issues.

JD-PRI-001-Privacy Professional

Applied

Mangalore

Part time

1500

XYZ

Create and maintain privacy rules and frameworks related to GDPR, HIPPA, ISO27001

JD-SEC-001-Developer/Tester

Applied

Bangalore

Hybrid

230

BAS

# Job Application Portal

## Shortlisted Jobs Page:

HERO

**vired**

A HERO GROUP COMPANY


Dashboard

Application Profile

Applied Jobs

Activity

Job Agent



Shortlisted

< Back to search results

Title, Client, Location.....

Search

All Jobs ▾

Industry ▾

Location ▾

Job Type ▾

Posted Date ▾

JOB CODE	JOB TITLE	LOCATION	POSTED DATE	APPLIED DATE	STATUS
JD-IT-001	Developer	Mangalore	2023-01-17	2023-01-27	Shortlisted
JD-PM-001	Program Manager	Delhi	2023-01-19	2023-01-27	Shortlisted

## Interviewing Jobs Page:

HERO

**vired**

A HERO GROUP COMPANY


Dashboard

Application Profile

Applied Jobs

Activity

Job Agent



Interviewing

< Back to search results

Title, Client, Location.....

Search

All Jobs ▾

Industry ▾

Location ▾

Job Type ▾

Posted Date ▾

JOB CODE	JOB TITLE	LOCATION	POSTED DATE	APPLIED DATE	STATUS
JD-SEC-001	Developer/Tester	Bengaluru	2023-01-15	2023-01-24	Interviewing

## Offer Received Jobs Page:

HERO

**vired**

A HERO GROUP COMPANY


Dashboard

Application Profile

Applied Jobs

Activity

Job Agent



Offer Received

< Back to search results

Title, Client, Location.....

Search

All Jobs ▾

Industry ▾

Location ▾

Job Type ▾

Posted Date ▾

JOB CODE	JOB TITLE	LOCATION	POSTED DATE	APPLIED DATE	STATUS
JD-PRI-001	Privacy Professional	Mangalore	2023-01-18	2023-01-27	Offer Received

## Rejected Jobs Page:

HERO

**vired**

A HERO GROUP COMPANY


Dashboard

Application Profile

Applied Jobs

Activity

Job Agent



Rejected

< Back to search results

Title, Client, Location.....

Search

All Jobs ▾

Industry ▾

Location ▾

Job Type ▾

Posted Date ▾

JOB CODE	JOB TITLE	LOCATION	POSTED DATE	APPLIED DATE	STATUS
JD-IT-003	Developer	Bengaluru	2023-01-09	2023-01-24	Rejected

## Job Application Portal