**JOB PORTAL PROJECT DOCUMENTATION**

Application Name: **GRAB YOUR JOB**

Frontend: **React**

Backend: **Ruby on Rails**

Database: **PostgreSQL**

Project Owners**: Divya, Riswana Begam**

**VERSIONS USED FOR THIS PROJECT**

React 18.2.0

Ruby 3.2.0

PostgreSQL 15

**To clone the project from repository:**

*git clone https://github.com/DivNK/Capstone\_proj.git*

**Process:**

**BACKEND:** RubyOnRails

1. Add **gem "bcrypt", "~> 3.1.7"** in Gemfile and run "bundle install" in terminal to enable that gem in our project.
2. Open the backend folder in Visual Studio Code and in the config\database.yml , do the following changes:
   1. change database name ==> line no 26: database: jobdb
   2. change username ==> line no 32: username: postgres
   3. enter password ==> line no 25: password : \*\*\*\*\*\*\* (password which is used to create user account in postgres)
3. In schema.rb, list out the required fields for the tables we need in our database;.

create table "users", force: :cascade do |t|

t.string "email"

t.string "password\_digest"

t.string "usertype"

end

create table "jobs", force: :cascade do |t|

t.string "jobtitle"

t.string "jobdescription"

t.string "companyname"

t.string "location"

t.string "jobtype"

t.string "salary"

t.date "posteddate"

t.string "domain"

t.string "jobcode"

t.string "skillsrequired"

t.string "applicationstatus"

end

create table "skilltables", force: :cascade do |t|

t.string "skillname"

end

**DATABASE: POSTGRESQL**

1. In Command prompt enter "**psql -U postgres**"
2. It will prompt you to enter the password and once credentials match, we will be connected to Postgres;
3. Run command "**CREATE DATABASE jobdb;**" to create database jobdb for our project;

**FRONT END:** React

1. In front end folder, open package.json and add "**proxy**": "http://127.0.0.1:3001" at line no:5 .
   1. Port number should match with the local host port in which server is up.
   2. Proxy is added to avoid CORS error.

create table "candidateprofiles", force: :cascade do |t|

t.string "fname"

t.string "lname"

t.string "email"

t.string "phone"

t.string "address"

t.string "about"

t.string "currentorg"

t.string "currentctc"

t.string "experience"

t.string "role"

t.string "skills"

t.string "expectedctc"

t.string "location"

t.string "cvlink"

t.string "pic"

end

create table "candidateapplications", force: :cascade do |t|

t.bigint "user\_id"

t.integer "jobid"

t.string "jobcode"

t.string "jobtitle"

t.string "location"

t.date "applieddate"

t.string "candidateappstatus"

t.date "posteddate"

t.index ["user\_id"], name: "index\_candidateapplications\_on\_user\_id"

end

1. Run the migrations files from db\migrate using command **rails db:migrate**. Tables are created in the database with fields mentioned after successful migration.
2. Run command "**rails s -p 3001**" to get the server up in localhost 3001.
3. Run command "**rails c**" in new terminal to see the tables and data in our jobdb.

Workflow of the project would be explained in next documentation.

1. Run the following commands in terminal to install required dependencies.
   1. npm install axios;
   2. npm install react-router-dom
   3. Once the installation is successful, **dependencies** would be reflected in package.json;
2. Run command "npm start" to get the frontend up in the server.