ABSTRACT

Now-a-days finding jobs that best suits our interest and skill set is a quite challenging task. The most difficult part of finding a job is lack of knowledge about the organizations and current openings in the IT industry. As well as hiring the candidate suitable for particular job is the important task for the recruiters. Online JOB PORTALS have made the task of the recruiters and job searchers very easier. One can get their job based on the qualifications and skill set easily through these online job portals.

The web application "JOB PORTAL" is a platform where job seekers can get their desired job and recruiters find their right candidate. This application also gives the information about the job.

OBJECTIVE

The main objective of the job portal is to simplify the process of interviews.

By using this application candidate can save his/her time by attending only the interviews based on their interest, where it saves the precious time of the people. Companies can also get the candidates suitable for their openings.

A company can reach to many people vastly by which it increases the chance of getting the best employee to their company.

INTRODUCTION

PROJECT TITLE: JOB PORTAL

- Job portal is a web based application.
- It provides information about new jobs.
- It provides facility of submitting the resume.
- A user can search job according to his skills.
- A recruiter can easily post the job.
- From this site employer can directly get the access to the resume of the candidate and can easily filter the candidates based on their skills sets.

SOFTWARE REQIUREMENTS:

Database : XAMPP(X-operating system ,Apache , My

sql ,Php ,Perl.

Software : Visual studio code

Browser : Google chrome

Operating system: windows,10 Pro.

METHODOLOGY

- Firstly, we download the visual studio code from the google chrome which is suitable for windows.
- After that vscode needed to be installed and required settings are made to set the path to save files.
- All the extensions like HTML snippets, Css snippets, PHP intelphense,PHP intelisense,PHP debug,Databases etc are installed
- Along with vscode XAMPP is also downloaded as extract file and all the files are extracted to the c drive with the directory C:\xampp.
- All the files are extracted to the xampp folder, now go to the xampp folder and click on the xampp control to start Apache and My sql servers which are important to run the php code on the local host.
- Now, we go to visual studio and start our front end development.
- Every we create a new file in the visual studio it should be saved in htdocs of xampp file i.e., c:\xampp\htdocs.
- First we create all the php files such as register.php,index.php,login.php,jobs.php,career.php,header.php to include the html code.
- Style.css is used to add css effects to the html file.
- Config.php is used connect the data base to our HTML source code.
- By using phpMyAdmin we create the database and tables required to store the backend data of the jobs posted by companies and the details of the candidates applied for the jobs .By which job seekers and recruiters can easily get the data.
- Finally our JOB PORTAL web application using PHP and My sql was created successfully.

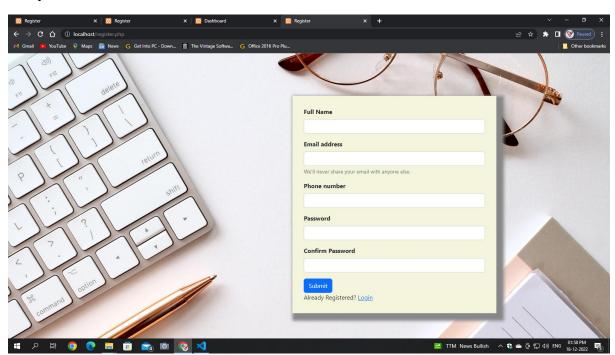
CODE

1.Register.php

- This page is the front page of the job portal website.
- Where users can register their new account to get the job details that they are searching for.

```
!Doctype html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-compatible" content="IE=edge">
    <meta name="viewport" content="width-device-width,initial-scale=1.0">
    k
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
rbsA2VBKQhggwzxH7pPCaAqO46MgnOM80zW1RWuH61DGLwZJEdK2Kadq2F9CUG65"
crossorigin="anonymous">
    <style>
      body{
        background-image: url('bg.jpg');
        background-size: cover;
      form{
        background-color: beige;
        margin-top: 3cm;
        margin-left:20cm;
        margin-right:8cm;
        padding:30px;
        box-shadow: 10px 10px 8px 10px #888888;
      }
    </style>
    <title>Register</title>
</head>
<body>
    <div="container">
    <form action=""method="POST">
  <div class="mb-3">
    <label for="exampleInputName" class="form-label"><b>Full Name</b></label>
    <input type="text" class="form-control" id="exampleInputName" name="name">
  </div>
  <div class="mb-3">
    <label for="exampleInputEmail1" class="form-label"><b>Email
address</b></label>
    <input type="email" class="form-control" id="exampleInputEmail1" aria-</pre>
describedby="emailHelp"name="email">
```

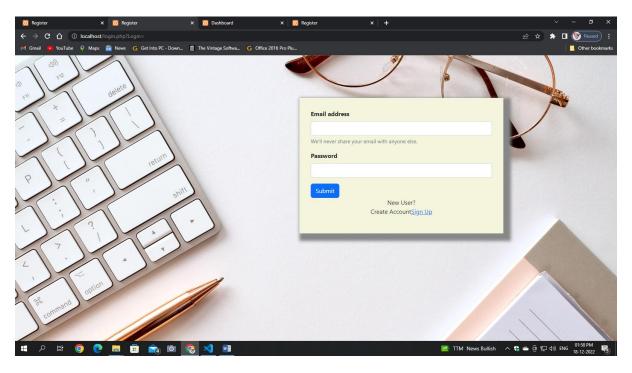
```
<div id="emailHelp" class="form-text">We'll never share your email with
anyone else.</div>
  </div>
  <div class="mb-3">
    <label for="exampleInputNumber" class="form-label"><b>Phone
number</b></label>
    <input type="number" class="form-control" id="exampleInputName"</pre>
name="phone_no">
  </div>
  <div class="mb-3">
    <label for="exampleInputPassword1" class="form-</pre>
label"><b>Password</b></label>
    <input type="password" class="form-control" id="exampleInputPassword1"</pre>
name="password">
  </div>
  <div class="mb-3">
    <label for="exampleInputPassword2" class="form-label"><b>Confirm
Password</b></label>
    <input type="password" class="form-control" id="exampleInputPassword2">
  <button type="submit" class="btn btn-primary"name="submit">Submit
   Already Registered? <a href="login.php">Login</a>
</form>
    </div>
</body>
</html>
```



2.login.php

- Login page is used to login to our account after creating a new account.
- If the account is not existing then it directs us to the register page directly.
- By this we can easily create an account if it does not exist.

```
<!Doctype html>
<html lang="en">
<head>
    <title>Register</title>
    link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
rbsA2VBKQhggwzxH7pPCaAqO46MgnOM80zW1RWuH61DGLwZJEdK2Kadq2F9CUG65"
crossorigin="anonymous">
    <style type="text/css">
        body{
        margin:0px;
        padding:0px;
        background-image: url('bg.jpg');
        background-size: cover;
      }
      form{
        background-color:beige;
        margin-top: 3cm;
        margin-left:20cm;
        margin-right:8cm;
        padding:30px;
        box-shadow: 10px 10px 8px 10px #888888;
    </style>
</head>
<body>
    <div="container">
    <form>
  <div class="mb-3">
    <label for="exampleInputEmail1" class="form-label"><b>Email
address</b></label>
    <input type="email" class="form-control" id="exampleInputEmail1" aria-</pre>
describedby="emailHelp">
    <div id="emailHelp" class="form-text">We'll never share your email with
anyone else.</div>
  </div>
  <div class="mb-3">
    <label for="exampleInputPassword1" class="form-</pre>
label"><b>Password</b></label>
```



3.header.php

• In this code all the meta tags ,style tags and css scripts which are related to all the other html codes are placed at one place.

```
k
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
rbsA2VBKQhggwzxH7pPCaAqO46MgnOM80zW1RWuH61DGLwZJEdK2Kadq2F9CUG65"
crossorigin="anonymous">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-</pre>
awesome/6.2.1/css/all.min.css" integrity="sha512-
MV7K8+y+gLIBoVD59lQIYicR65iaqukzvf/nwasF0nqhPay5w/9lJmVM2hMDcnK10nMGCdVK+iQrJ7
lzPJQd1w==" crossorigin="anonymous" referrerpolicy="no-referrer" />
    <title>Dashboard</title>
    <style>
      .sidebar {
   margin: 0;
   margin-top: 1px;
    padding: 0;
    width: 200px;
    background-color: #f1f1f1;
    position: fixed;
    height: 100%;
    overflow: auto;
  }
  .sidebar a {
    display: block;
    color: black;
    padding: 16px;
    text-decoration: none;
  .sidebar a.active {
    background-color: #04AA6D;
    color: white;
  }
  .sidebar a:hover:not(.active) {
    background-color: #555;
    color: white;
  }
  div.content {
   margin-top: 60px;
   margin-left: 200px;
    padding: 1px 16px;
   height: 1000px;
  @media screen and (max-width: 700px) {
    .sidebar {
```

```
width: 100%;
     height: auto;
      position: relative;
    .sidebar a {float: left;}
    div.content {margin-left: 0;}
  }
  @media screen and (max-width: 400px) {
    .sidebar a {
     text-align: center;
      float: none;
    }
  .navbar{
   overflow:Hidden;
    background-color: #555;
   position: fixed;
   top:0;
   width:100%;
  .content .table .btn {
  background-color: DodgerBlue;
  border: none;
  color: white;
  padding: 12px 30px;
  cursor: pointer;
  font-size: 20px;
/* Darker background on mouse-over */
.content .table .btn:hover {
  background-color: RoyalBlue;
  </style>
</head>
<body>
<div>
  <nav class="navbar navbar-expand-lg bg-light navbar=fixed">
    <div class="container-fluid">
      <button class="navbar-toggler" type="button" data-bs-toggle="collapse"</pre>
data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false"
aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
     </button>
      <div class="collapse navbar-collapse" id="navbarNav">
```

• Here, for header.php we don't get output as it is the code which is added to the other php files.

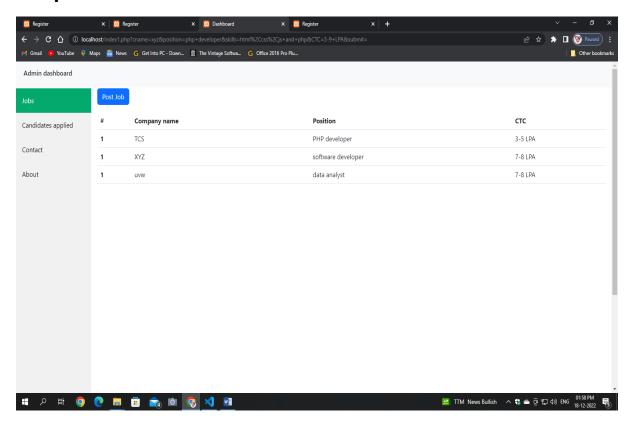
4.index.php

- This page gives the details of the jobs posted by the recruiters.
- Job seekers can easily identify the job related to their skill set.

```
<?php include 'header.php'?>
<div class="content">
      <!--<a class="btn btn-primary" data-bs-toggle="collapse"
href="#collapseExample" role="button" aria-expanded="false" aria-
controls="collapseExample">
     Link with href
      </a>-->
      <button class="btn btn-primary" type="button" data-bs-toggle="collapse"</pre>
data-bs-target="#collapseExample" aria-expanded="false" aria-
controls="collapseExample">
       Post Job
      </button>
  <div class="collapse" id="collapseExample">
    <div class="card card-body">
     <form action="" mathod="POST">
      <div class="mb-3">
        <label for="Company name" class="form-label">Company name
        <input type="text" class="form-control" id=""name="cname" >
      </div>
      <div class="mb-3">
```

```
<label for="exampleInputPosition" class="form-label">Position</label>
       <input type="text" class="form-control"</pre>
id="exampleInputPosition"name="position">
     </div>
     <div class="mb-3">
       <label for="JobDesc" class="form-label">Job Description</label>
       <textarea name="" id="" cols="30" rows="10" class="form-control"</pre>
name="Jdesc"></textarea>
     </div>
     <div class="mb-3">
       <label for="skills" class="form-label1">Skills</label>
       <input type="text" class="form-control" id="skills"name="skills">
     </div>
     <div class="mb-3">
       <label for="CTC" class="form-label1">CTC</label>
       <input type="text" class="form-control" id="CTC"name="CTC">
     <button type="submit" class="btn btn-primary"name="job">Submit</button>
     </form>
   </div>
 </div>
 <thead>
   #
     Company name
     Position
     CTC
   </thead>
 <?php
     $sql="Select cname, position, CTC from jobs";
   $result = mysqli_query($conn, $sql);
   if($result->num rows>0){
     while($rows=$result->fetch_assoc()){
       $i=0;
       echo"".++$i."
          ".$rows['cname']."
          ".$rows['position']."
          ".$rows['CTC']."";
     }
   else{
     echo "";
   }
   ?>
```

```
</div>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-
kenU1KFdBIe4zVF0s0G1M5b4hcpxyD9F7jL+jjXkk+Q2h455rYXK/7HAuoJl+0I4"
crossorigin="anonymous"></script>
</body>
</html>
```



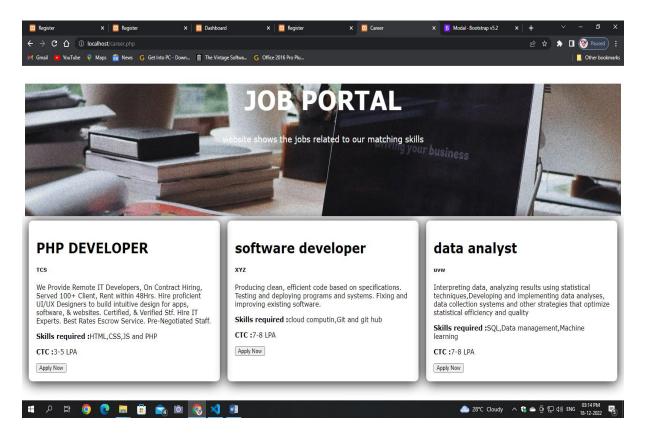
5.Career.php

• Here ,card containers are displayed that directs us to apply the job.

```
<style>
   .main-section1{
     background-image: url('bg2.jpg');
     background-position: center;
     background-size: cover;
     height: 300px;
   .bg-opacity{
     background:linear-gradient(90deg,rgba(0,0,0,0));
     height: 300px;
   .main-section1 h1{
     color:white;
     font-size: 60px;
     text-align:center;
     font-family:Verdana, Geneva, Tahoma, sans-serif;
   .main-section1 p{
     color:white;
     font-size: 20px;
     text-align:center;
     font-family:Verdana, Geneva, Tahoma, sans-serif;
 </style>
</head>
<body>
 <div class="main-section1">
   <div class="bg-opacity">
     <h1>JOB PORTAL</h1>
     website shows the jobs related to our matching skills
    </div>
 </div>
 <div class="row">
   <?php
   $sql="SELECT cname,position,Jdesc,CTC,skills from jobs";
   $result=mysqli_Query($conn,$sql);
   if($result->num_rows>0){
     while($rows=$result->fetch_assoc()){
       echo'
       <div class="col-md-3">
         <div class="jobs">
         <h1 style= "text-align:left;">'.$rows['position'].'</h1>
         <h5 style="text-align:left;">'.$rows['cname'].'</h5.</pre>
         '.$rows['Jdesc'].'
         <b>Skills
required:</b>'.\$rows['skills'].'
         <b>CTC:</b>'.$rows['CTC'].'
```

```
<button class="btn btn-primary" type="button" data-bs-toggle="modal"</pre>
data-bs-target="#exampleModal" aria-expanded="false" aria-
controls="collapseExample">
          Apply Now
          </button>
          </div>
      </div>';
      }
?>
<div class="modal fade" id="exampleModal" tabindex="-1" aria-</pre>
labelledby="exampleModalLabel" aria-hidden="true">
  <div class="modal-dialog">
    <div class="modal-content">
      <div class="modal-header">
        <h1 class="modal-title fs-5" id="exampleModalLabel">Apply Job</h1>
        <button type="button" class="btn-close" data-bs-dismiss="modal" aria-</pre>
label="Close"></button>
      </div>
      <div class="modal-body">
        <form method="POST">
          <div class="mb-3">
            <label for="recipient-name" class="col-form-label">Name:</label>
            <input type="text" class="form-control" name="name">
          </div>
          <div class="mb-3">
            <label for="message-text" class="col-form-label">Applying
for:</label>
            <input type="text" class="form-control" name="apply">
          </div>
          <div class="mb-3">
            <label for="recipient-name" class="col-form-</pre>
label">Qualification:</label>
            <input type="text" class="form-control" name="qual">
          </div>
          <div class="mb-3">
            <label for="recipient-name" class="col-form-label">Year
passout:</label>
            <input type="text" class="form-control" name="year">
          </div>
      </div>
      <div class="modal-footer">
        <button type="button" class="btn btn-secondary" data-bs-</pre>
dismiss="modal">Close</button>
        <button type="submit" name="submit" class="btn btn-</pre>
primary">Apply</button>
  </form>
     </div>
```

```
</div>
</div>
</div>
</div>
</body>
</html>
```

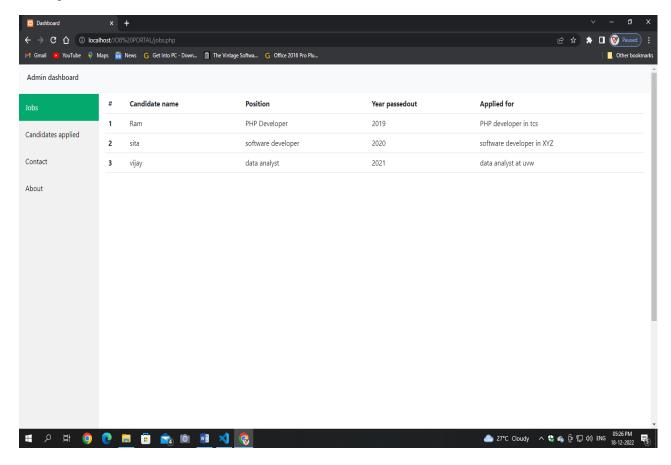


6.jobs.php

 A list of the candidates is displayed along with their information about their name, position, year passed out and the position they applied for.

```
<a class="nav-link active" aria-current="page" href="#"><h6>Admin
dashboard</h6></a>
       </div>
   </div>
 </nav>
</div>
<div class="sidebar">
 <a class="active" href="#home">Jobs</a>
 <a href="#jobs">Candidates applied</a>
 <a href="#contact">Contact</a>
 <a href="#about">About</a>
</div>
<div class="content">
<thead>
   #
    Candidate name
    Position
    Year passout
    Applied for
  </thead>
 <?php
   $sql="Select name,apply,year from candidates";
   $result=mysqli_query($conn,$sql);
   if($result->num rows>0){
    while($rows=$result->fetch_assoc()){
   '.++$i.'
    '.$rows['name'].'
    '.$rows['apply'].'
    '.$rows['year'].'
   ';}}
   else{
    echo"";
   }
   ?>
 </div>
```

```
<script src="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.2.1/js/all.min.js" integrity="sha512-
rpLlll167T5LJHwp0waJCh3ZRf7p06IT1+LZ0hAyP6phAirwchClbTZV3iqL3BMrVxIYRbzGTpli4r
fxsCK6Vw==" crossorigin="anonymous" referrerpolicy="no-referrer"></script>
</body>
</html>
```



7.config.php

PHP is configured so that the database is directly connected to the code.

```
$server = 'localhost';
$username = 'root';
$password = '';
$database = 'jobs';

$conn = mysqli_connect($server, $username, $password, $database);

if($conn->connect_error){
    die("connection failed:".$conn->connect_error);
}
```

```
echo"";
if(isset($ POST['submit'])){
    $name = $_POST['name'];
    $email = $ POST['email'];
    $number = $_POST['phone_no'];
    $password = $_POST['password'];
    $sql = "INSERT INTO 'users'('name', 'email', 'password', 'phone_no') VALUES
($name,$email,$password,$number)";
    if(mysqli_query($conn,$sql)){
        echo "Records inserted successfully.";
    }else{
        echo "ERROR :could not able to execute $sql." . mysqli_error($conn);
    }
session_start();
if(isset($POST['Login'])){
    $email = $POST['email'];
    $password = $POST['password'];
    $query = "SELECT * FROM WHERE 'email'='$email' AND
 password'='$password'";
    $result = mysqli_query($conn, $query);
    $row = mysqli_fetch_array($result, MYSQLI_ASSOC);
    if(mysqli_num_rows($result)==1){
        header("location:index1.php");
    else{
        $error = 'emailid or password is incorrect';
if(isset($_POST['job'])){
    $cname = $_POST['cname'];
    $position = $_POST['position'];
    $Jdesc = $_POST['Jdesc'];
    $skills = $_POST['skills'];
    $CTC = $_POST['CTC'];
    $sql = "INSERT INTO 'jobs'('cname', 'position', 'Jdesc', 'skills', 'CTC')
VALUES ($cname,$position,$Jdesc,$skills,$CTC)";
    if(mysqli_query($conn,$sql)){
        echo "New Job Posted.";
    }else{
        echo "ERROR :Failed to post the job. $sql." . mysqli_error($conn);
```

```
if(isset($_POST['submit'])){
    $name = $_POST['name'];
    $qual = $_POST['qual'];
    $apply = $_POST['apply'];
    $year = $_POST['year'];

    $sql = "INSERT INTO 'candidates'('name','qual','apply','year') VALUES

($name,$qual,$apply,$year)";
    mysqli_query($conn, $sql);
}
```

8.style.css

- All the css styling is done at style.css file.
- Here we add the background image size ,color ,margins ,padding ,font type ,font-size ,font-color ,padding ,text-alignment etc......

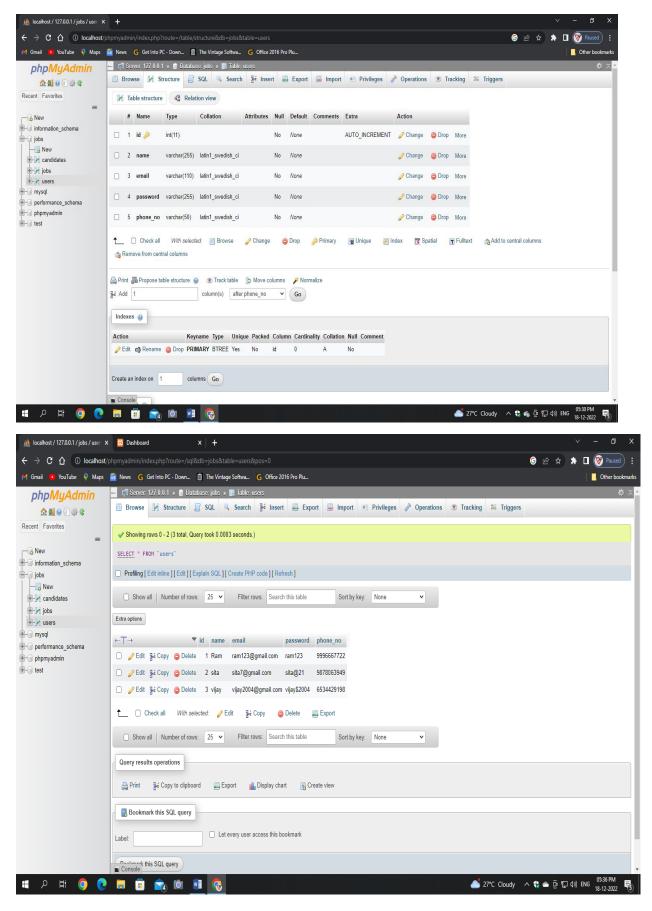
```
The side navigation menu */
.sidebar {
   margin: 0;
   padding: 0;
   width: 200px;
   background-color: #f1f1f1;
   position: fixed;
   height: 100%;
   overflow: auto;
 }
 /* Sidebar links */
 .sidebar a {
   display: block;
   color: black;
   padding: 16px;
   text-decoration: none;
 }
 /* Active/current link */
 .sidebar a.active {
   background-color: #04AA6D;
   color: white;
 }
 /* Links on mouse-over */
 .sidebar a:hover:not(.active) {
```

```
background-color: #555;
   color: white;
 /* Page content. The value of the margin-left property should match the
value of the sidebar's width property */
 div.content {
   margin-left: 200px;
   padding: 1px 16px;
   height: 1000px;
 /* On screens that are less than 700px wide, make the sidebar into a topbar
 @media screen and (max-width: 700px) {
   .sidebar {
     width: 100%;
     height: auto;
     position: relative;
   .sidebar a {float: left;}
   div.content {margin-left: 0;}
 /* On screens that are less than 400px, display the bar vertically, instead
of horizontally */
 @media screen and (max-width: 400px) {
    .sidebar a {
     text-align: center;
     float: none;
```

Databases created for the project:

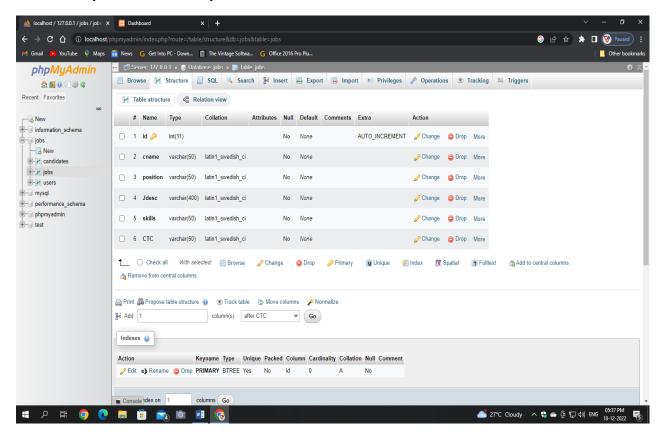
1.users table

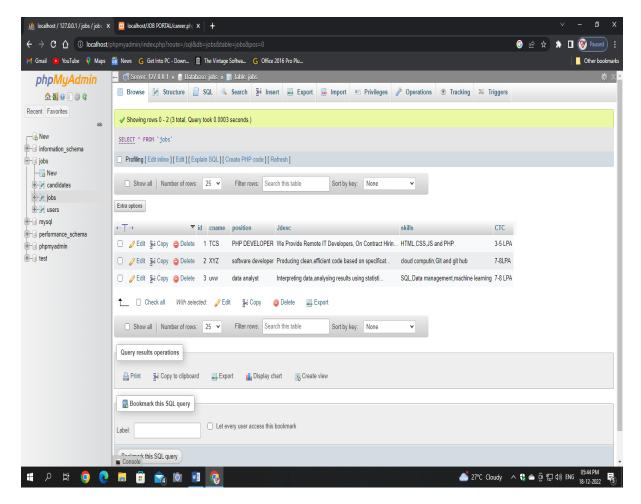
• It shows the columns such as id ,name ,email ,phone number ,password of the candidate.



2.jobs table

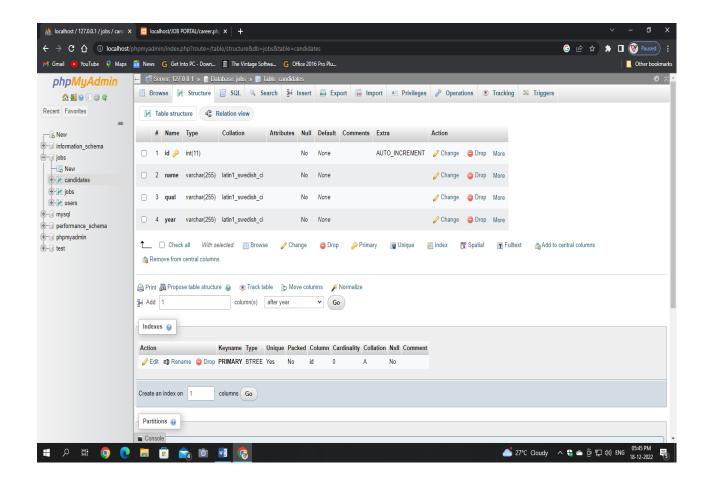
• It shows the columns of the company that posted a job like id, company name, Position, Job description, Skills required, Salary.

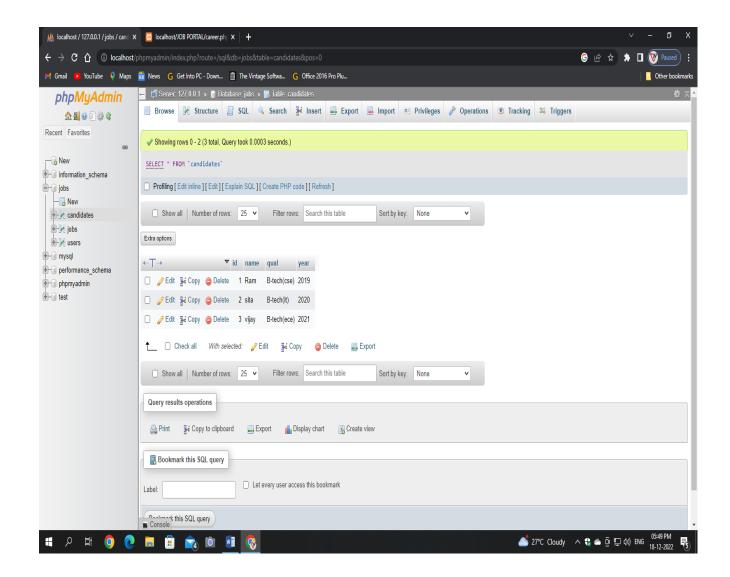




3.candidates table

• It shows the qualifications of the candidate along with id ,name ,year completed.





CONCLUSION

Job Search Portals stands as a revolutionizing element in the sphere of recruitment. They act as a communication bridge between applicants and recruiters facilitating their requirements. This application helps organizations to have a greater exposure to the candidate pool and also job seekers facilitating wide search of jobs matching their interests. The android application provides flexibility to the jobseekers to view the openings and applied jobs without the need to carry a laptop. This application provides an enhanced user experience for both employer and jobseeker. It provides user friendly interface which facilitates in reaching wide range of audience.

REFERENCES

Visual studio code

https://code.visualstudio.com/download

Xampp

https://www.apachefriends.org/download.html

• PhpMyAdmin

https://www.google.com/search?q=localhost%2Fphpmyadmi n%2F&oq=localhost%2F&aqs=chrome.2.69i58j69i57j69i59l2j 69i60l4.5701j0j7&sourceid=chrome&ie=UTF-8

or

http://localhost:80/phpmyadmin

Bootstrap

https://getbootstrap.com/docs/5.2/getting-started

• W3schools

https://www.w3schools.com/howto/default.asp

• Font awesome cdn

https://cdnjs.com/libraries/font-awesome

Unsplash

https://unsplash.com/