



FACULTY OF INFORMATION AND COMMUNICATION
TECHNOLOGY
UNIVERSITI TEKNIKAL MALAYSIA MELAKA

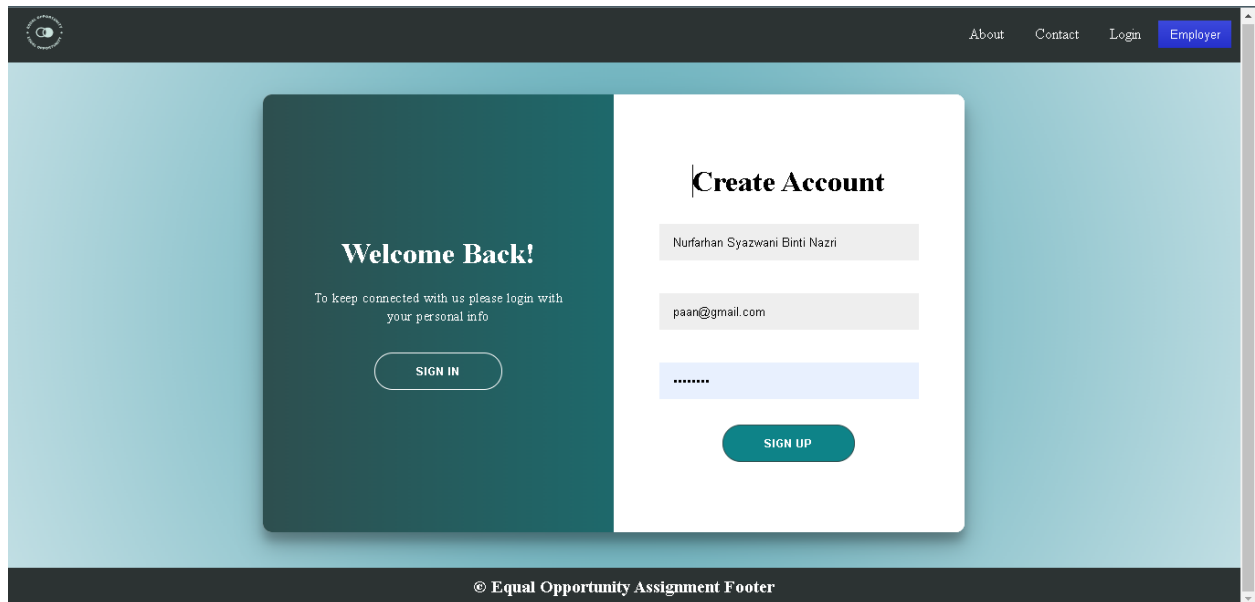
REPORT PROJECT
BITM 2113 (WEB APPLICATION DEVELOPMENT)

Student ID Number	Full Name
B032210435	ALLYSHA APRIL SI KIM CHOO
B032210011	NUR AMELIA ASYQIN BINTI MOHD ISMAILUZABIHULLAH
B032020051	KHALID ALI FARAH
Project Title	EQUAL OPPORTUNITY
Lecturer's Name	Prof. Ts. Dr. Sazilah Salam
Due date:	Course : 3 BITS

1. Minimal Functional Requirement (Interfaces):

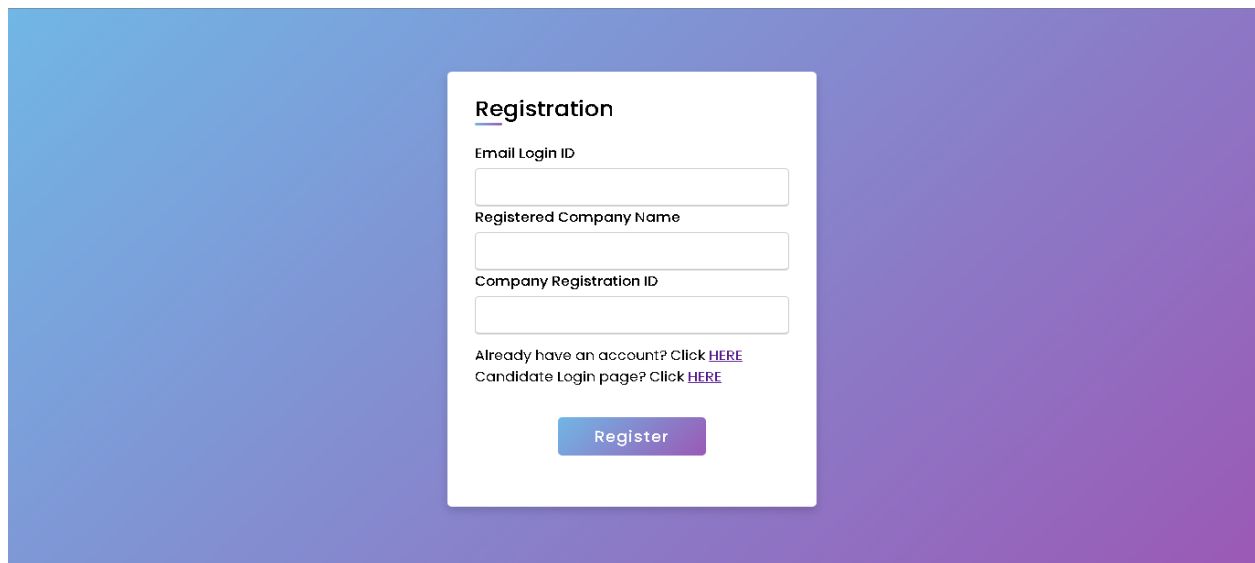
1.1. Member Registration Page

The registration page for Equal Opportunity platform is for users who are interested to have an account whether for job or employee seeking..Once registered, user's will be able to access the platform with their own account.



The screenshot shows a web interface for the 'Equal Opportunity' platform. The top navigation bar includes links for 'About', 'Contact', 'Login', and 'Employer'. The main content area is split into two sections. On the left, a dark teal box with a white border contains the text 'Welcome Back!' and 'To keep connected with us please login with your personal info', with a 'SIGN IN' button below. On the right, a white box with a dark teal border contains the heading 'Create Account'. Below this heading are three input fields: the first contains 'Nurfharan Syazwani Binti Nazri', the second contains 'paan@gmail.com', and the third is a password field with dots. A 'SIGN UP' button is positioned below the password field. The footer of the page reads '© Equal Opportunity Assignment Footer'.

Image 1.3 Candidate's Registration Page



The screenshot shows a web interface for the 'Equal Opportunity' platform, specifically the 'Registration' page for employers. The page has a blue-to-purple gradient background. A white box in the center contains the heading 'Registration'. Below this heading are three input fields: 'Email Login ID', 'Registered Company Name', and 'Company Registration ID'. Below the input fields, there is a link 'Already have an account? Click [HERE](#)' and another link 'Candidate Login page? Click [HERE](#)'. At the bottom of the white box is a 'Register' button.

Image 1.2 Employer's Registration Page

1.2. Authentication

The login page for Equal Opportunity platform includes fields for users to enter their email and password. The login button allows users to submit their credentials to be validated on whether or not they have an account with Equal Opportunity and if they do then they can access the platform.

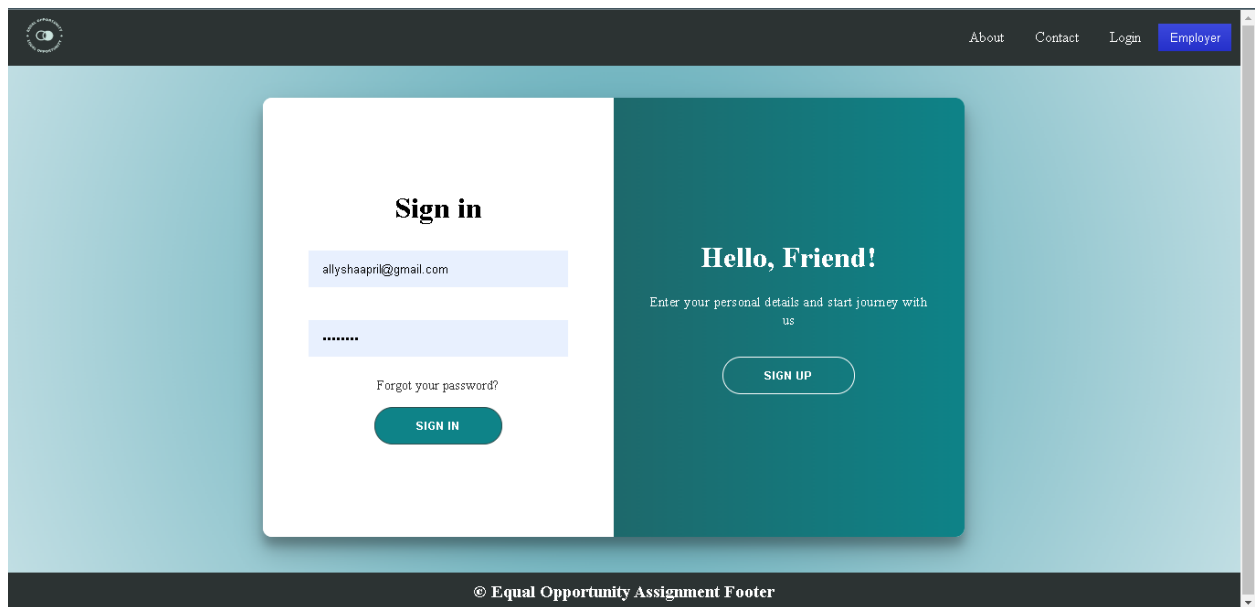


Image 1.3 Candidate's Login Page

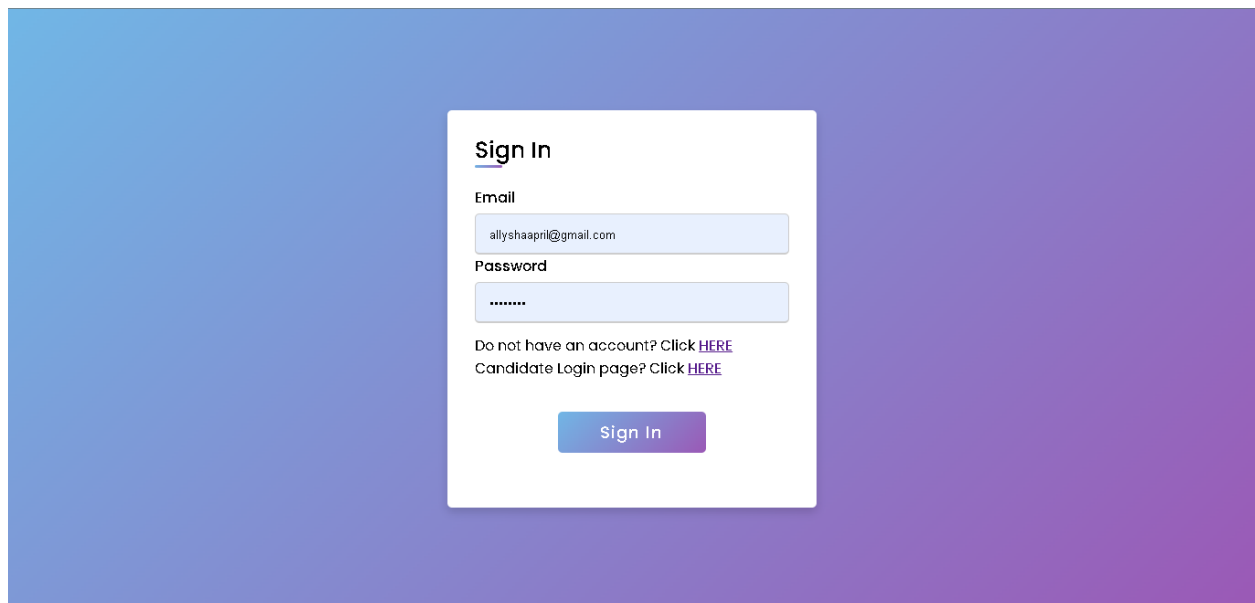


Image 1.4 Employer's Login Page

1.3. Member Area

The member area in Equal Opportunity platform is for users to customize their account with relevant information about themselves.

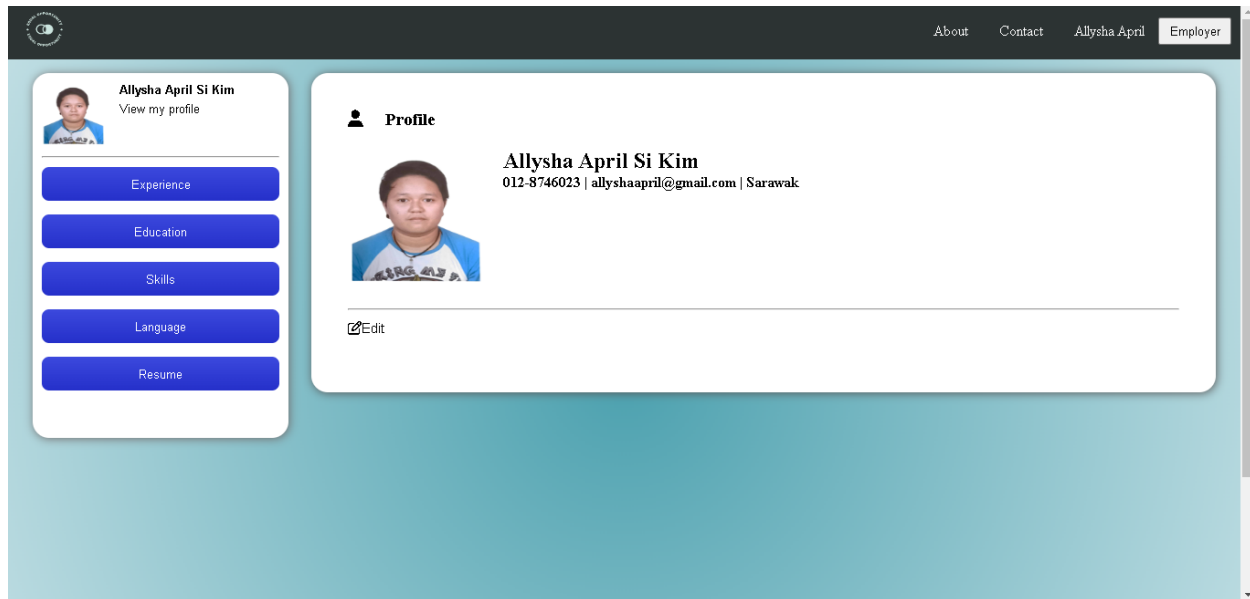


Image 1.5 Candidate's Profile View

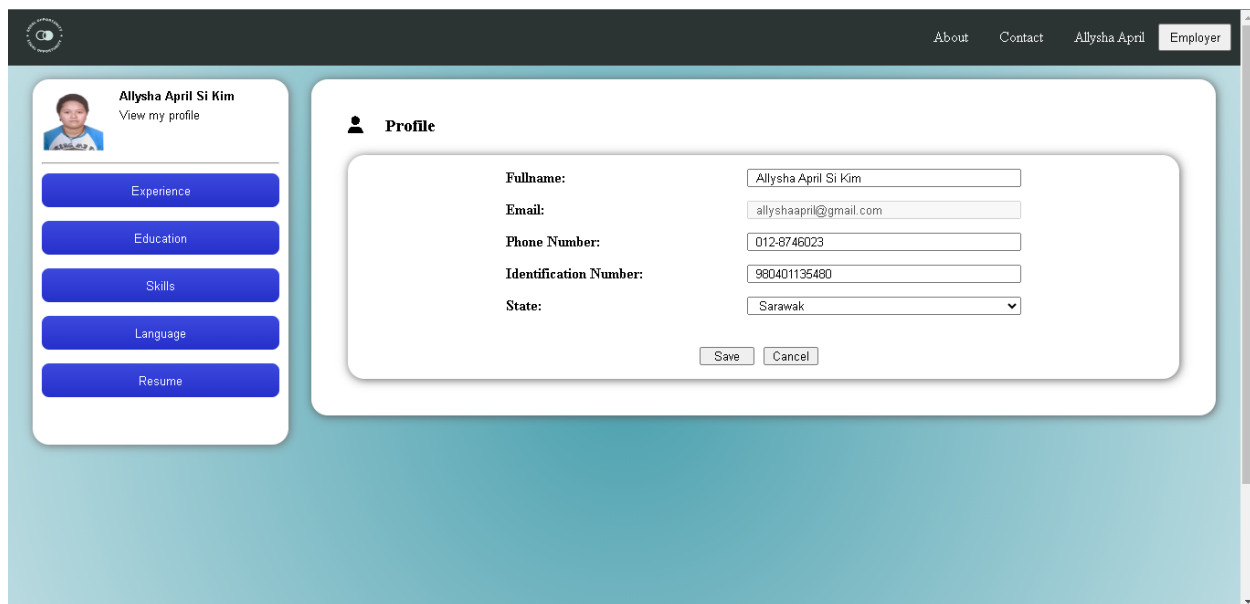


Image 1.6 Candidate Edit Profile Information

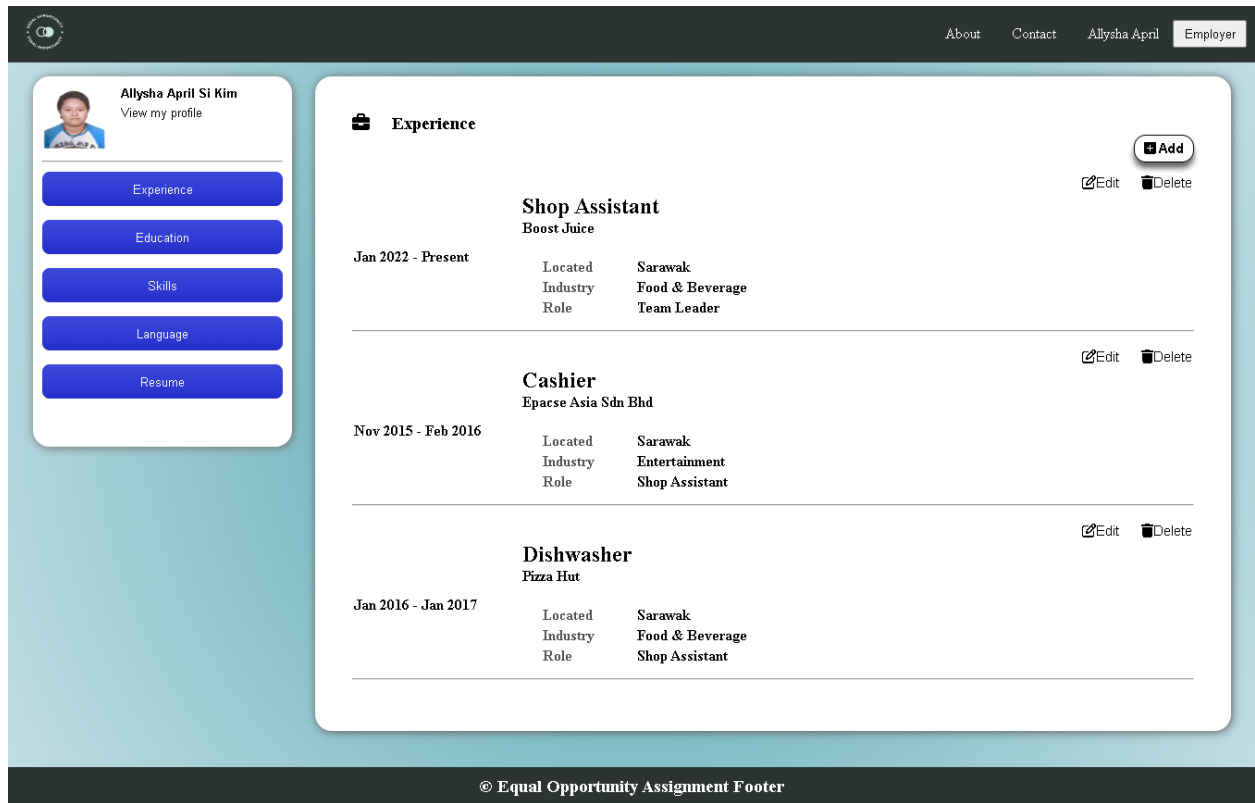


Image 1.7 Candidate's Work Experience View, Delete

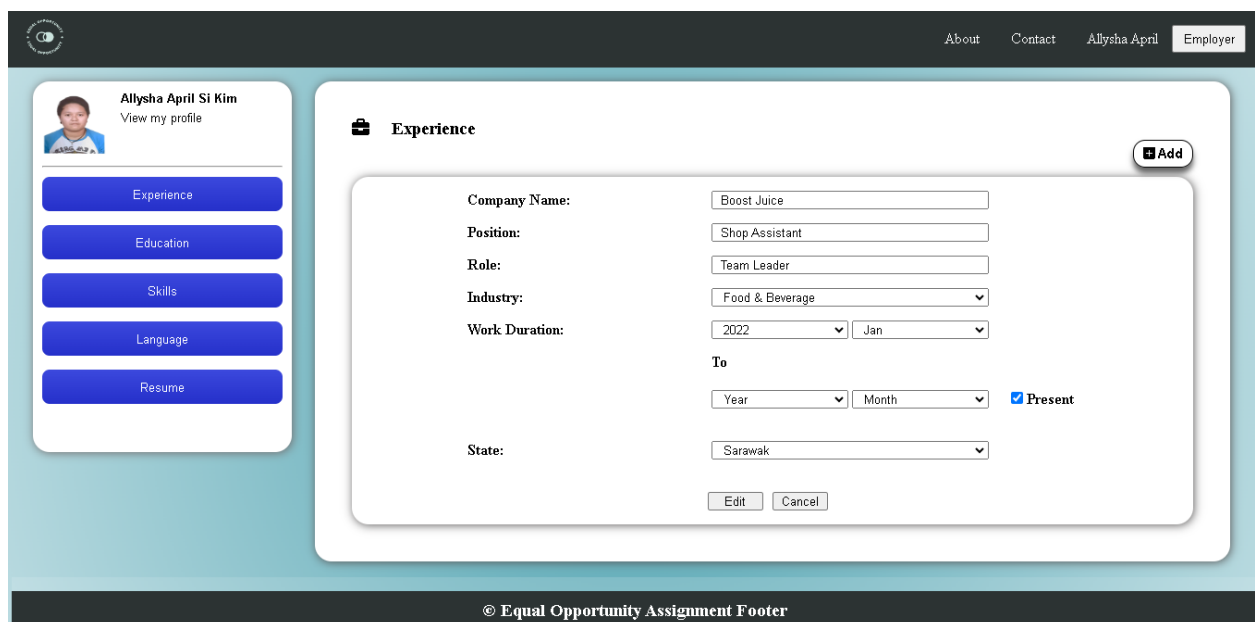





Image 1.8 Candidate's Work Experience Edit


[About](#)
[Contact](#)
[Allysha April](#)
[Employer](#)



Allysha April Si Kim
View my profile

[Experience](#)
[Education](#)
[Skills](#)
[Language](#)
[Resume](#)


Experience

Add

Company Name:
Position:
Role:
Industry:
Work Duration:

Year
Month


To
Year
Month
☐ Present


State:

Save
Cancel

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Image 1.9 Candidate’s Work Experience Add


[About](#)
[Contact](#)
[Allysha April](#)
[Employer](#)



Allysha April Si Kim
View my profile

[Experience](#)
[Education](#)
[Skills](#)
[Language](#)
[Resume](#)



Education


Add

Oct 2017	UCTS Higher Secondary/STPM/A-Level/Pre-U, Art/Design/Creative Multimedia Major Foundation in Arts Location Sarawak	Edit Delete
Oct 2021	Politeknik Ungku Omar Diploma, Computer Science/Information Technology Major Programning Location Perak	Edit Delete
Oct 2023	Universiti Teknikal Malaysia Melaka Bachelor's Degree, Computer Science/Information Technology Major Software Development Location Melaka	Edit Delete

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Image 2.0 Candidate’s Education View, Delete



[About](#)
[Contact](#)
[Allysha April](#)
[Employer](#)



Allysha April Si Kim
View my profile

[Experience](#)
[Education](#)
[Skills](#)
[Language](#)
[Resume](#)


Education



Institute/University:

Field of Study:

Major:


Qualification:


Graduation Date:

State:

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Image 2.1 Candidate’s Education Edit



[About](#)
[Contact](#)
[Allysha April](#)
[Employer](#)



Allysha April Si Kim
View my profile

[Experience](#)
[Education](#)
[Skills](#)
[Language](#)
[Resume](#)


Education



Institute/University:

Field of Study:

Major:

Qualification:

Graduation Date:

State:

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Image 2.2 Candidate’s Education Add

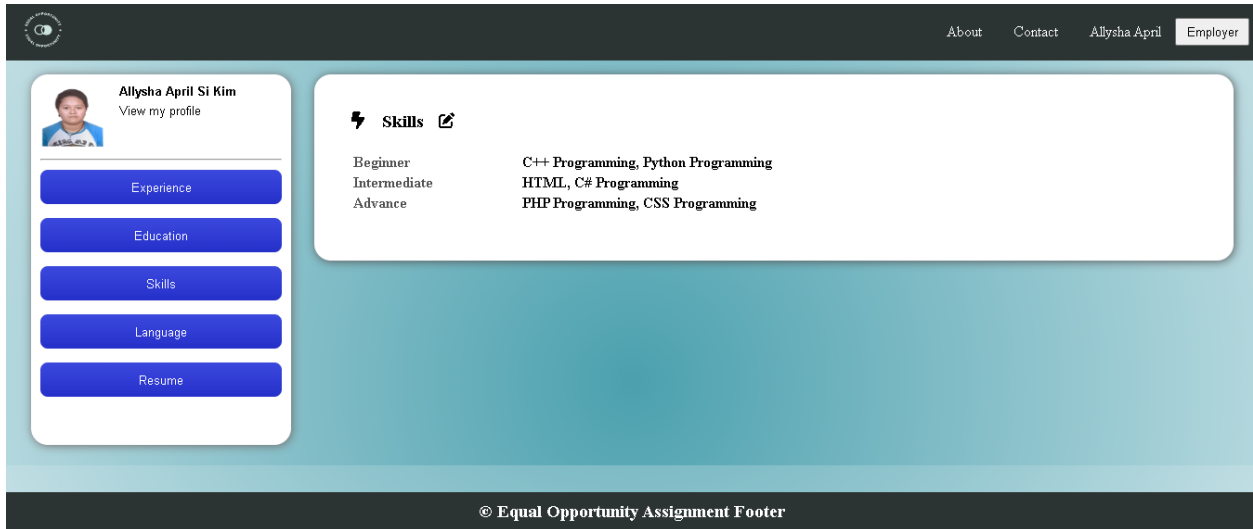


Image 2.3 Candidate's Skill View

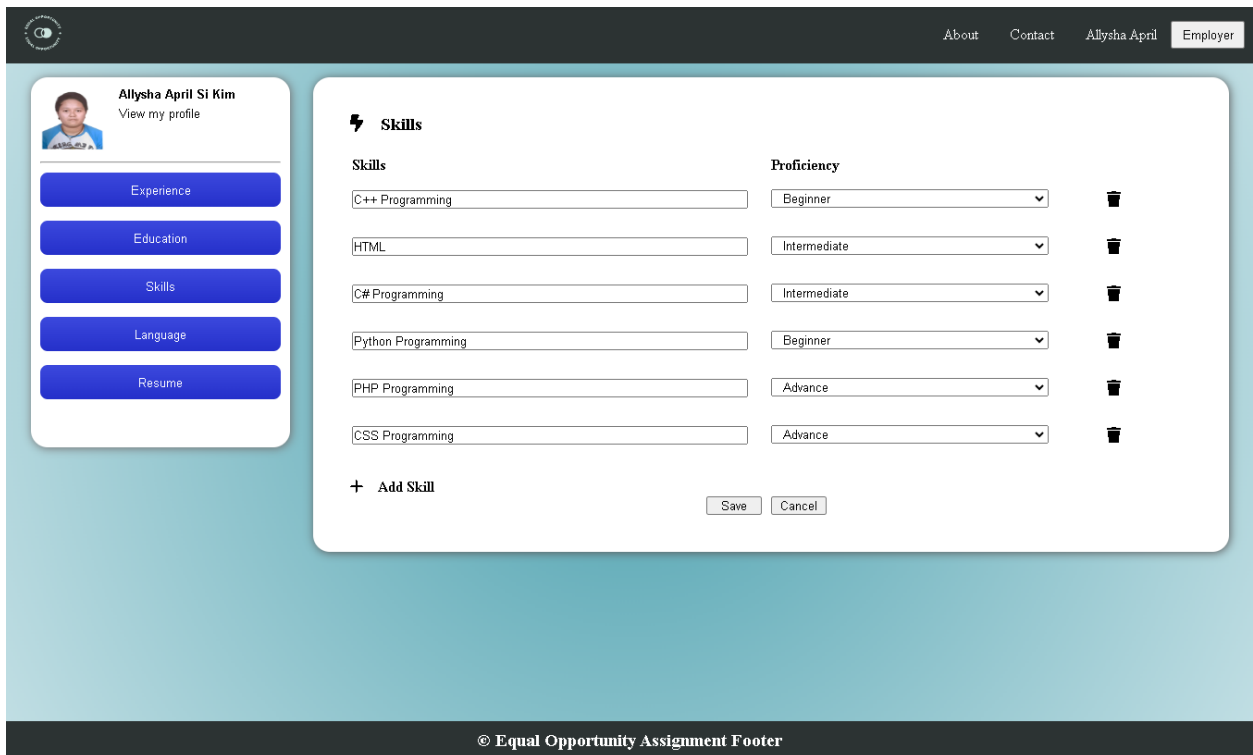


Image 2.4 Candidate's Skill Add, Edit, Delete

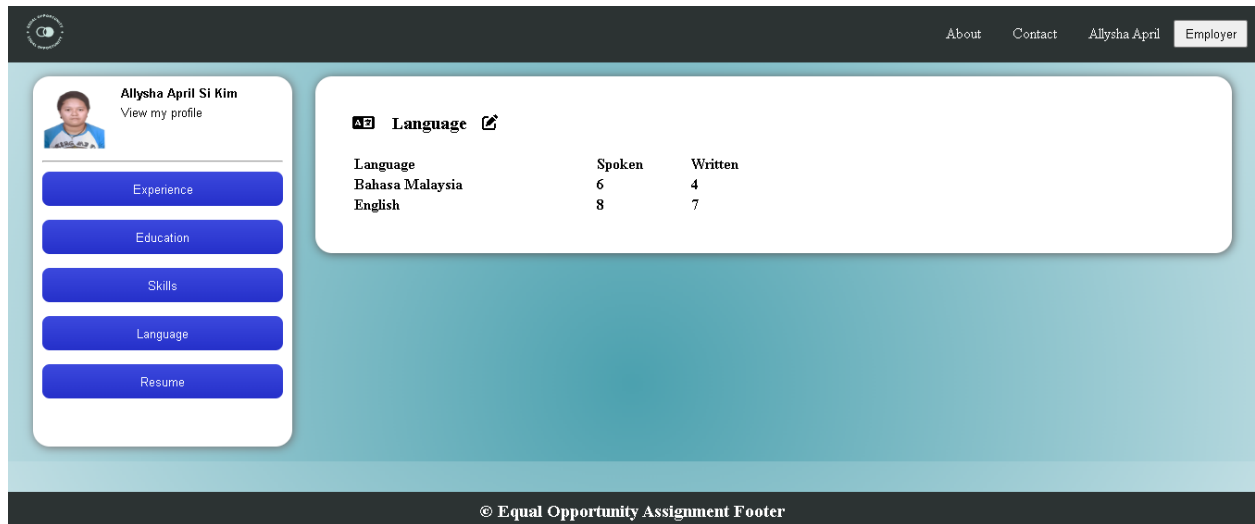


Image 2.5 Candidate's Language View

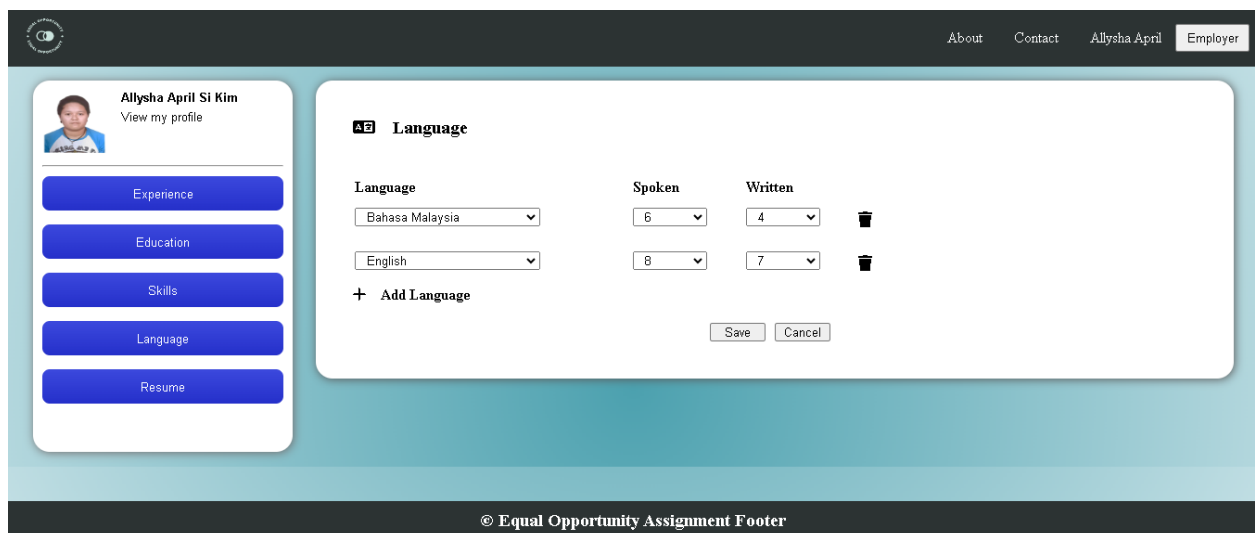


Image 2.6 Candidate's Language Add, Edit, Delete



[About](#)
[Contact](#)
[Allysha April](#)
[Employer](#)



Allysha April Si Kim
View my profile

[Experience](#)
[Education](#)
[Skills](#)
[Language](#)
[Resume](#)



Allysha April Si Kim
Higher Secondary/STPM/A-Level/Pre-U, Art/Design/Creative Multimedia
UCTS
012-8746023 | allyshaapril@gmail.com | Sarawak


Education

UCTS
Higher Secondary/STPM/A-Level/Pre-U, Art/Design/Creative Multimedia

Oct 2017

MajorFoundation in Arts
LocationSarawak

Politeknik Ungku Omar
Diploma, Computer Science/Information Technology

Oct 2021

MajorProgramming
LocationPerak

Universiti Teknikal Malaysia Melaka
Bachelor's Degree, Computer Science/Information Technology

Oct 2023

MajorSoftware Development
LocationMelaka


Experience

Shop Assistant
Boost Juice

Jan 2022 - Present

LocatedSarawak
IndustryFood & Beverage
RoleTeam Leader

Cashier
Epacse Asia Sdn Bhd

Nov 2015 - Feb 2016

LocatedSarawak
IndustryEntertainment
RoleShop Assistant

Dishwasher
Pizza Hut

Jan 2016 - Jan 2017

LocatedSarawak
IndustryFood & Beverage
RoleShop Assistant


Skills

BeginnerC++ Programming, Python Programming
IntermediateHTML, C# Programming
AdvancePHP Programming, CSS Programming


Language

LanguageSpokenWritten
Bahasa Malaysia64
English87

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Image 2.7 Candidate's Resume View

1.4. Business Information

The business information pages help users know more about the Equal Opportunity platform.

Other than that form companies who had posted job advertisements in search for employees, the employees will be able to see more about the company and details about the job position advertised.

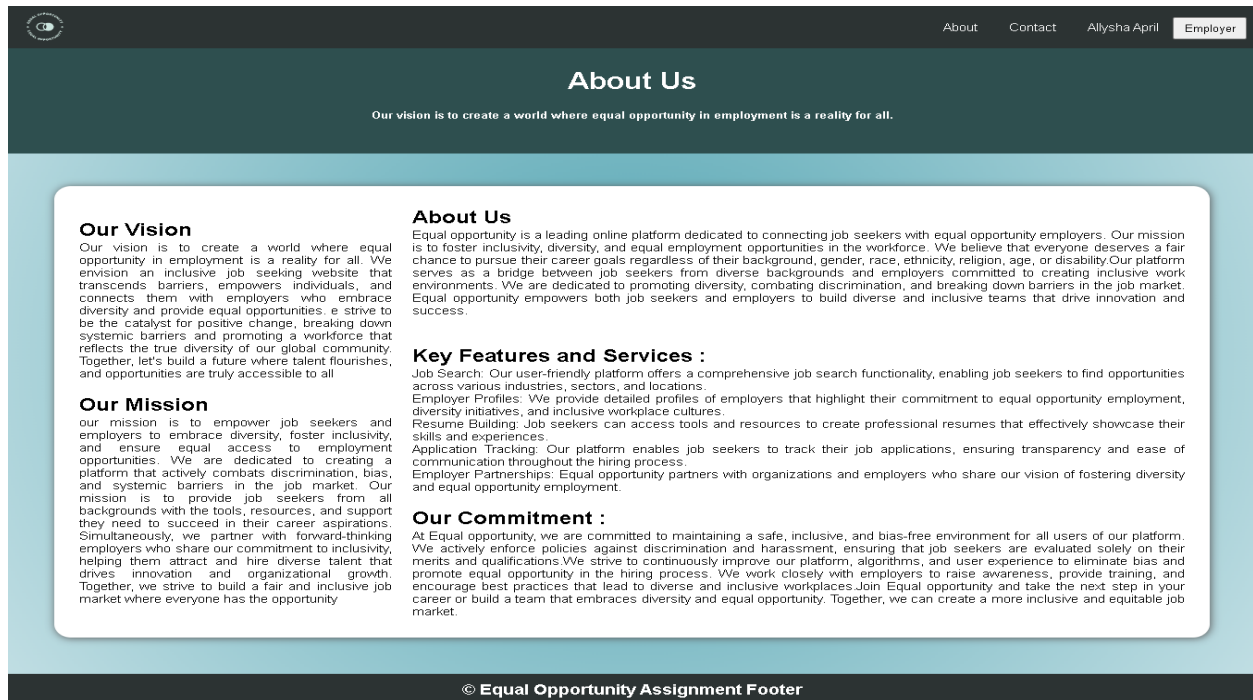


Image 2.8 Equal Opportunity's About Page

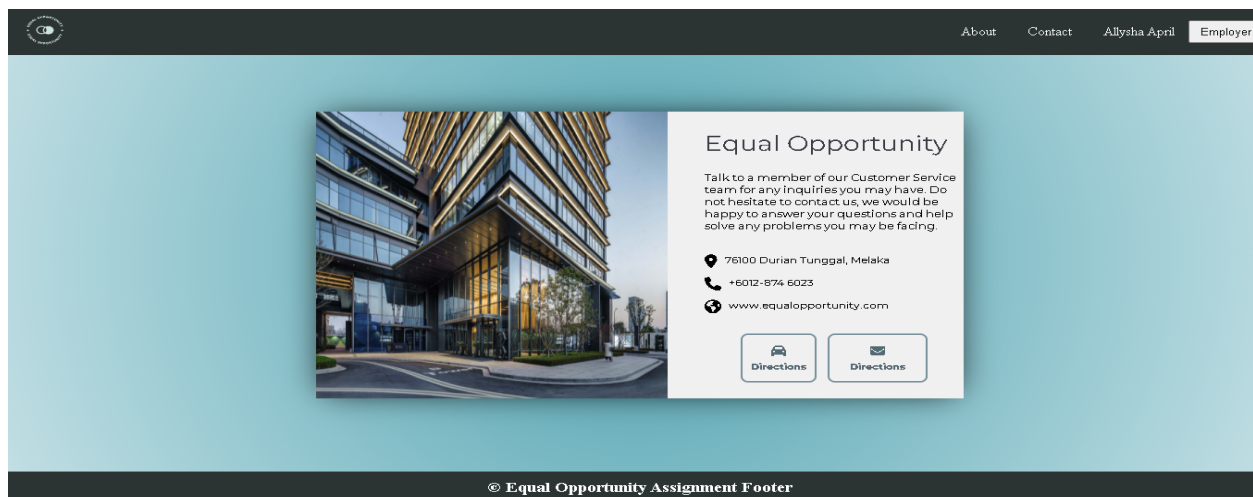


Image 2.9 Equal Opportunity's Contact Page

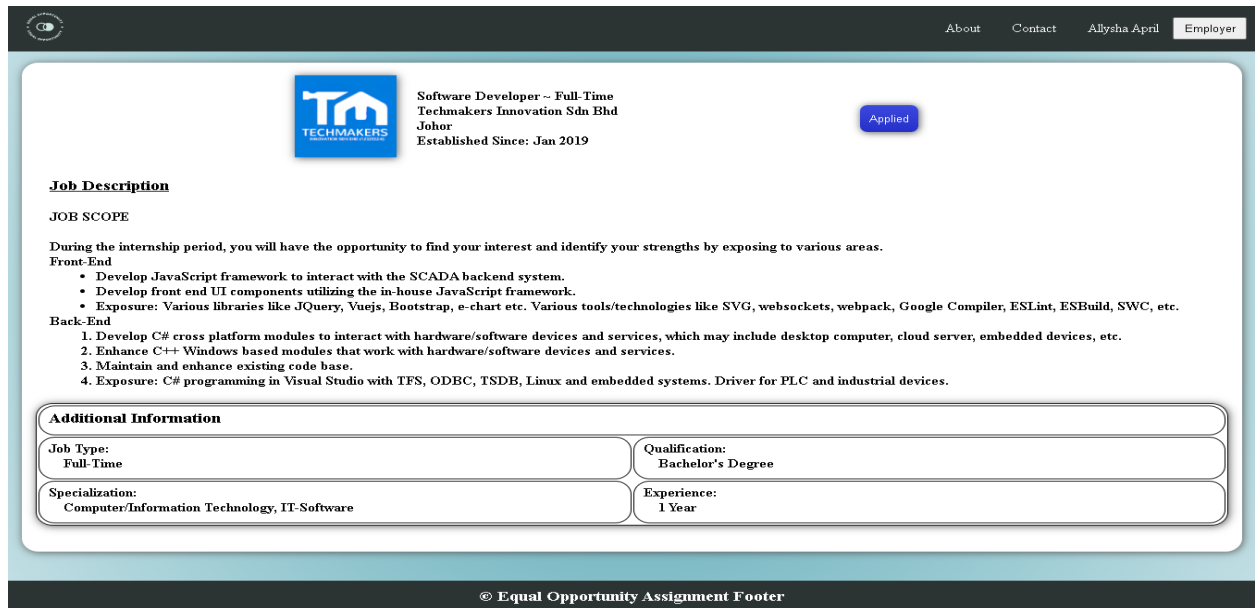


Image 3.0 Company's About Job Advertisement Page

1.5. Form Validation using Javascript

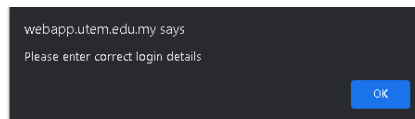


Image 3.1 Login Validation alert();

1.6. Formatting display using CSS

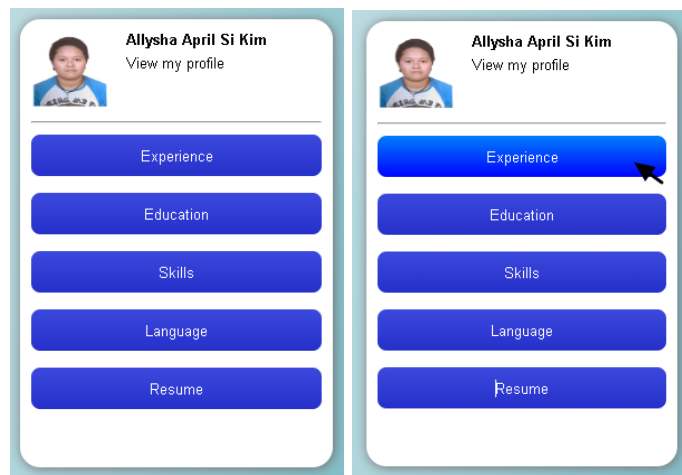


Image 3.1 CSS :hover

2. Additional Function

The additional function we had included is the pagination function where if there are more than 5 advertisements in one page there will be a next page button.

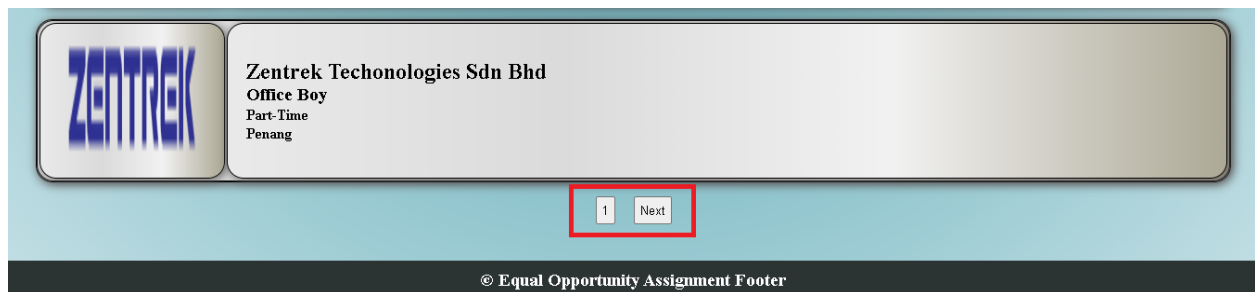


Image 3.2 Next Page Function

3. Source Code

This code is for candidates to insert the education :

```
$edu_name= isset($_POST["edu_name"]) ? $_POST["edu_name"]: '';
$fos=isset($_POST["fos"]) ? $_POST["fos"]: '';
$major=isset($_POST["major"]) ? $_POST["major"]: '';
$quali=isset($_POST["quali"]) ? $_POST["quali"]: '';
$yearBegin=isset($_POST["yearBegin"]) ? $_POST["yearBegin"]: '';
$monthBegin=isset($_POST["monthBegin"]) ? $_POST["monthBegin"]: '';
$state=isset($_POST["state"]) ? $_POST["state"]: '';
$newQuali = str_replace("'", "", $quali);

$gradDate = $monthBegin.' '.$yearBegin;

$sql = "INSERT INTO `education` (`edu_name`, `field`, `major`, `qualification`, `grad_date`, `location`, `email`)
VALUES ('$edu_name', '$fos', '$major', '$newQuali', '$gradDate', '$state', '$email')"; //add ic later

if (mysqli_query($conn, $sql)) {
    $_SESSION['edu']="eduView";
    $_SESSION['view']="edu";
    echo "<script>>window.location.href='CandidateProfile.php';</script>";
}
else{
    echo "Error: " . $sql . "<br>" . mysqli_error($conn);
}
}
```

This code is for candidates to edit the education :

```
<?php
if (isset($_POST["eduSaveBtn"])){

    $edu_name= isset($_POST["edu_name"]) ? $_POST["edu_name"]: '';
    $fos=isset($_POST["fos"]) ? $_POST["fos"]: '';
    $major=isset($_POST["major"]) ? $_POST["major"]: '';
    $quali=isset($_POST["quali"]) ? $_POST["quali"]: '';
    $yearBegin=isset($_POST["yearBegin"]) ? $_POST["yearBegin"]: '';
    $monthBegin=isset($_POST["monthBegin"]) ? $_POST["monthBegin"]: '';
    $state= isset($_POST["state"]) ? $_POST["state"]: '';
    $newQuali = str_replace("'", "", $quali);

    $join_date = $monthBegin." ".$yearBegin;

    $sql = "UPDATE `education` SET `edu_name`='$edu_name', `field`='$fos', `major`='$major', `qualification`='$newQuali',
    `grad_date`='$join_date', `location`='$state' WHERE `edu_name`='$currUni' AND `email`='$email'";

    if (mysqli_query($conn, $sql)) {
        $_SESSION['view'] = "edu";
        $_SESSION['edu'] = "eduView";
        echo "<script>>window.location.href='CandidateProfile.php';</script>";
    }
    else{
        echo "Error: " . $sql . "<br>" . mysqli_error($conn);
    }
}
?>
```

This code is for candidates to add a work experience

```

$BeginMonth = $monthBegin.' '.$yearBegin;
$EndMonth = $monthEnd.' '.$yearEnd;

if($present!=null){
    $sql = "INSERT INTO `work_exp` (`comp_name`, `position`, `role`, `industry`, `join_date`, `exit_date`, `state`, `email`)
    VALUES ('$comp', '$position', '$role', '$industry', '$BeginMonth', '$present', '$state', '$email')"; //add ic later

    if (mysqli_query($conn, $sql)) {
        $_SESSION['exp']="expView";
        echo "<script> window.location.href='CandidateProfile.php';</script>";
    }
    else{
        echo "Error: " . $sql . "<br>" . mysqli_error($conn);
    }
}
else{
    $sql = "INSERT INTO `work_exp` (`comp_name`, `position`, `role`, `industry`, `join_date`, `exit_date`, `state`, `email`)
    VALUES ('$comp', '$position', '$role', '$industry', '$BeginMonth', '$EndMonth', '$state', '$email')"; //add ic later

    if (mysqli_query($conn, $sql)) {
        $_SESSION['exp']="expView";
        $_SESSION['view']="exp";
        echo "<script> window.location.href='CandidateProfile.php';</script>";
    }
    else{
        echo "Error: " . $sql . "<br>" . mysqli_error($conn);
    }
}
}
}

```

This code is for candidates view the skills that have been they added

```

<table class="workView">
    <?php
        $email = $_SESSION['email'];
        $beginner = array();
        $sql = "SELECT * FROM `skill` WHERE email='$email' AND level='Beginner'";
        $result = mysqli_query($conn, $sql);

        if (mysqli_num_rows($result) > 0) {
            while($row = mysqli_fetch_assoc($result)) {
                $beginner[] = $row['skill_name'];
            }
        }
    <?php
    <tr>
        <td id="workPeriod" class="sLev"><p>Beginner</p></td>
        <td>
            <p><?php echo implode(", ", $beginner); ?></p>
        </td>
    </tr>
    <?php
    </td>

    $inter = array();
    $sql1 = "SELECT * FROM `skill` WHERE email='$email' AND level='Intermediate'";
    $result1 = mysqli_query($conn, $sql1);

```

This code is to delete skills that are not relevant :

```

if (isset($_POST["sDel"])){
    $id= isset($_POST["sDel"]) ? $_POST["sDel"] : '';

    $sql1 = "DELETE FROM `skill` WHERE skill_id='$id' AND email='$email'";
    if (mysqli_query($conn, $sql1)) {
        $_SESSION['view'] = "skill";
        $_SESSION['skill'] = "skillView";
        echo "<script> window.location.href='CandidateProfile.php';</script>";
    }
    else{
        echo "Error: " . $sql1 . "<br>" . mysqli_error($conn);
    }
}
}

```

This code is for the mysql connection :

```
1 <?php
2     session_start();
3     $servername = "localhost";
4     $username = "b032210435";
5     $password = "980401135480";
6     $dbname = "student_b032210435";
7     $conn = new mysqli($servername, $username, $password, $dbname);
8     if (!$conn) {
9         die("Connection failed: " . mysqli_connect_error());
10    }
11 ?>
```