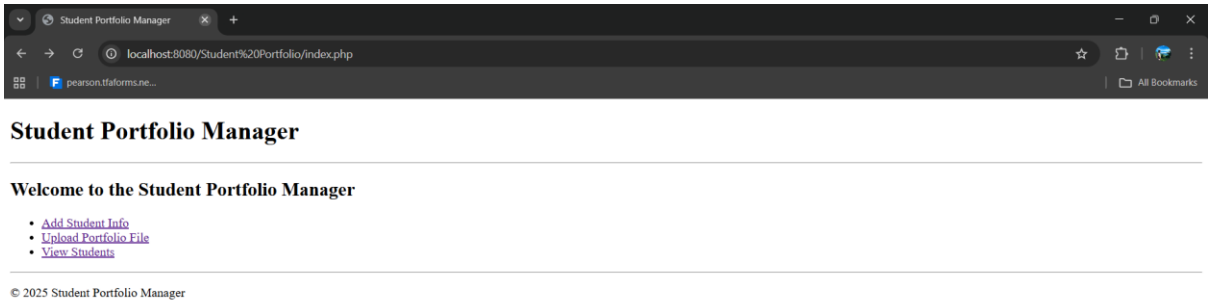
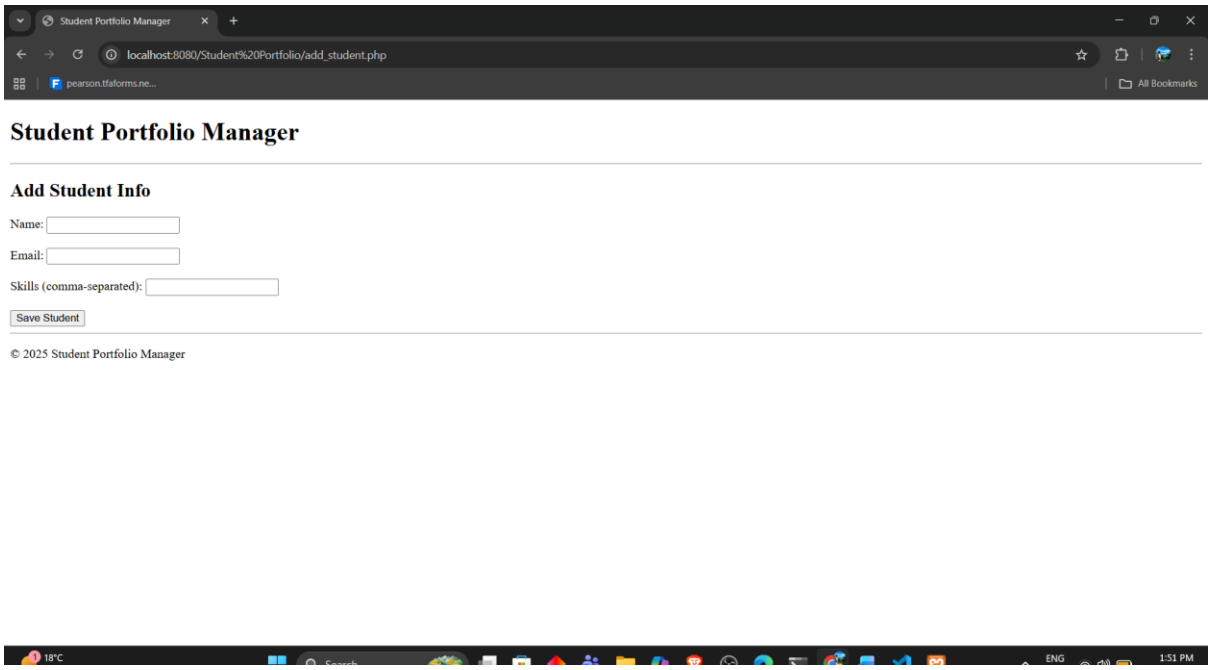
Aman Kuamr Raut

LG1

Screenshots of the outputs





Student Portfolio Manager

Add Student Info

Student information saved successfully.

Name:

Email:

Skills (comma-separated):

Save Student

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Student Portfolio Manager

Student List

Name: Raj Sah
Email: Rajsah2080@gmail.com
Skills: Array ([0] => Java [1] => Python)

Name: Geeta Yadav
Email: Geetayadav230@gmail.com
Skills: Array ([0] => Javascript [1] => Html)

Name: Sweeta Singh
Email: Sweeta234@gmail.com
Skills: Array ([0] => Backend Developer)

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Index of /Student Portfolio/uploads

Name	Last modified	Size	Description
Parent Directory		-	

Apache/2.4.58 (Win64) OpenSSL/3.1.3 PHP/8.2.12 Server at localhost Port 8080

Student Portfolio Manager

Upload Portfolio File

File uploaded successfully as portfolio_1766477390.pdf

Select File (PDF/JPG/PNG, max 2MB): Choose File No file chosen

Upload

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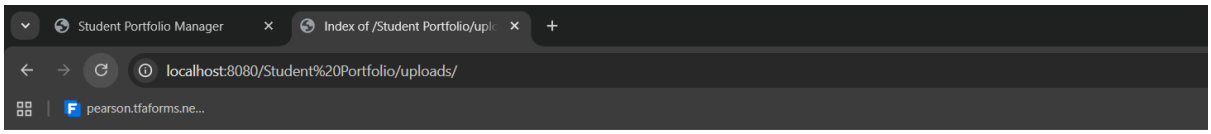
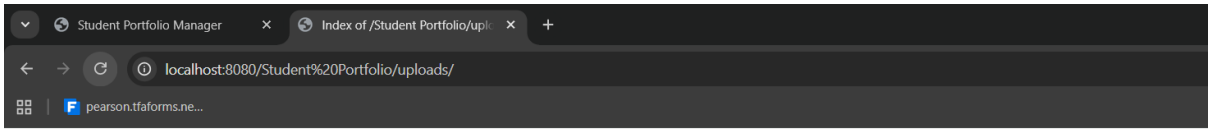


Index of /Student Portfolio/uploads

Name	Last modified	Size	Description
Parent Directory		-	
portfolio_1766477390..>	2025-12-23 13:54	169K	

Apache/2.4.58 (Win64) OpenSSL/3.1.3 PHP/8.2.12 Server at localhost Port 8080



Index of /Student Portfolio/uploads

Name	Last modified	Size	Description
Parent Directory		-	
portfolio_1766477390..>	2025-12-23 13:54	169K	
portfolio_1766477490..>	2025-12-23 13:56	299K	

Apache/2.4.58 (Win64) OpenSSL/3.1.3 PHP/8.2.12 Server at localhost Port 8080

The codes are mentioned below:

Index.php

```
<?php include "header.php"; ?>

<h2>Welcome to the Student Portfolio Manager</h2>

<ul>
    <li><a href="add_student.php">Add Student Info</a></li>
    <li><a href="upload.php">Upload Portfolio File</a></li>
    <li><a href="students.php">View Students</a></li>
</ul>

<?php include "footer.php"; ?>
```

Students.php

```
<?php
include "header.php";

$file = "students.txt";

echo "<h2>Student List</h2>";

if (file_exists($file)) {
    $lines = file($file, FILE_IGNORE_NEW_LINES);

    foreach ($lines as $line) {
        list($name, $email, $skills) = explode(",", $line);
        $skillsArray = explode("|", $skills);

        echo "<p>";
        echo "<strong>Name:</strong> $name<br>";
        echo "<strong>Email:</strong> $email<br>";
        echo "<strong>Skills:</strong> ";
```

```
        print_r($skillsArray);
        echo "</p><hr>";
    }
} else {
    echo "No student data found.";
}

include "footer.php";
```

Upload.php

```
<?php
include "header.php";
require "functions.php";

$message = "";

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    try {
        if (!isset($_FILES['portfolio'])) {
            throw new Exception("No file selected.");
        }

        $fileName = uploadPortfolioFile($_FILES['portfolio']);
        $message = "File uploaded successfully as $fileName";
    } catch (Exception $e) {
        $message = $e->getMessage();
    }
}
?>
```

```
<h2>Upload Portfolio File</h2>

<p style="color:blue;"><?php echo $message; ?></p>

<form method="post" enctype="multipart/form-data">
   Select File (PDF/JPG/PNG, max 2MB):
   <input type="file" name="portfolio"><br><br>
   <button type="submit">Upload</button>
</form>

<?php include "footer.php"; ?>
```

Header.php

```
<!DOCTYPE html>
<html>
<head>
   <title>Student Portfolio Manager</title>
</head>
<body>
<h1>Student Portfolio Manager</h1>
<hr>
```

Functions.php

```
<?php

function formatName($name) {
   return ucwords(strtolower(trim($name)));
}
```

```
function validateEmail($email) {
    return filter_var($email, FILTER_VALIDATE_EMAIL);
}

function cleanSkills($string) {
    $skills = explode(",", $string);
    return array_map('trim', $skills);
}

function saveStudent($name, $email, $skillsArray) {
    $file = "students.txt";
    $skills = implode("|", $skillsArray);
    $data = "$name,$email,$skills\n";

    if (!file_put_contents($file, $data, FILE_APPEND)) {
        throw new Exception("Failed to save student data.");
    }
}

function uploadPortfolioFile($file) {
    $allowedTypes = ['application/pdf', 'image/jpeg', 'image/png'];
    $maxSize = 2 * 1024 * 1024;
    $uploadDir = "uploads/";

    if (!is_dir($uploadDir)) {
        throw new Exception("Upload directory not found.");
    }

    if ($file['size'] > $maxSize) {
        throw new Exception("File size exceeds 2MB.");
    }
```

```
    if (!in_array($file['type'], $allowedTypes)) {
        throw new Exception("Invalid file type.");
    }

    $extension = pathinfo($file['name'], PATHINFO_EXTENSION);
    $newName = "portfolio_" . time() . "." . $extension;
    $targetPath = $uploadDir . $newName;

    if (!move_uploaded_file($file['tmp_name'], $targetPath)) {
        throw new Exception("File upload failed.");
    }

    return $newName;
}
```

Footer.php

```
<hr>
<p>&copy; <?php echo date("Y"); ?> Student Portfolio Manager</p>
</body>
</html>
```

Add_students.php

```
<?php
include "header.php";
require "functions.php";

$message = "";

if ($_SERVER["REQUEST_METHOD"] == "POST") {
```

```
    try {
        $name = formatName($_POST['name']);
        $email = $_POST['email'];
        $skillsInput = $_POST['skills'];

        if (empty($name) || empty($email) || empty($skillsInput)) {
            throw new Exception("All fields are required.");
        }

        if (!validateEmail($email)) {
            throw new Exception("Invalid email format.");
        }

        $skillsArray = cleanSkills($skillsInput);
        saveStudent($name, $email, $skillsArray);

        $message = "Student information saved successfully.";
    } catch (Exception $e) {
        $message = $e->getMessage();
    }
}
?>

<h2>Add Student Info</h2>

<p style="color:green;"><?php echo $message; ?></p>

<form method="post">
    Name: <input type="text" name="name"><br><br>
    Email: <input type="email" name="email"><br><br>
    Skills (comma-separated): <input type="text" name="skills"><br><br>
```

```
    <button type="submit">Save Student</button>
</form>

<?php include "footer.php"; ?>
```

The link of git hub are mentioned below:

https://github.com/aman2072/Full-Stack-Development-FSD-/tree/main/Student%20Portfolio