

# Training Day 18 Report

7 July 2025

The eighteenth day of Web Development training focused on creating an "Edit Profile" feature for registered users. We worked on retrieving user details from the database, pre-filling them into a form, and updating the information using PHP and MySQL.

## 1. Retrieving User Profile Details

Fetches user data based on the session email or user ID and displays it in an editable form.

Example Query:

```
$email = $_SESSION['user'];
```

```
$sql = "SELECT * FROM alumni WHERE email = '$email'";
```

Pre-filling Form:

```
<input type="text" name="name" value="<?php echo $row['name']; ?>">
```

## 2. Updating Profile Information

Captured updated input using `$_POST`

Used SQL UPDATE to apply changes in the database

Displayed confirmation message upon successful update

Update Query:

```
$sql = "UPDATE alumni SET name='$name', graduation_year='$year' WHERE email='$email'";
```

## 3. Hands-on Practice

Built a profile editing form linked to the alumni dashboard

Auto-filled form fields with existing data from the database

Allowed alumni to update their name, contact info, and graduation year

Added success/failure message feedback

#### 4. Relevance to Project

Alumni should be able to keep their profiles up to date. This feature enables them to modify their details, ensuring accurate and current records in the portal.

#### 5. Learning Outcomes

Learned to retrieve and update user-specific data securely

Practiced building editable, dynamic forms in PHP

Understood the use of sessions in data personalization

Enhanced CRUD skills in a real-world user scenario

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