Phase 4: Frontend Development - Complete Guide

Part 3: Enhanced Profile Pages

Week 5: Days 1-3

📚 What You'll Build

In this part, you will enhance:

1. ✅ Profile View Page (with better design)

2. ✅ Profile Edit Page (with improved UX)

3. ✅ Skills Management Page (with visual improvements)

Step 1: Update Profile View Page

📁 **File:** `pages/profile.php` **(Enhanced Version)**

Instructions:

1. Open: `pages/profile.php`

2. Replace the `<style>` section with this enhanced version:

```html
html

<link rel="stylesheet" href="../assets/css/style.css">
<style>
    .profile-container {
        max-width: 1000px;
        margin: 40px auto;
        padding: 0 20px;
    }

    .profile-header-card {
        background: white;
        border-radius: 15px;
        padding: 0;
        margin-bottom: 20px;
        box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
        overflow: hidden;
    }

    .profile-banner {
        height: 150px;
        background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);
        position: relative;
    }

    .profile-main {
        padding: 0 40px 40px;
        margin-top: -60px;
        position: relative;
    }

    .profile-avatar {
        width: 120px;
        height: 120px;
        border-radius: 50%;
        background: white;
        display: flex;
        align-items: center;
        justify-content: center;
        font-size: 48px;
        font-weight: bold;
        color: #667eea;
        border: 5px solid white;
        box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
        overflow: hidden;
    }
```

```css
.profile-avatar img {
    width: 100%;
    height: 100%;
    object-fit: cover;
}

.profile-info {
    margin-top: 20px;
}

.profile-name {
    font-size: 32px;
    font-weight: 700;
    color: #2c3e50;
    margin-bottom: 10px;
}

.profile-title {
    font-size: 18px;
    color: #666;
    margin-bottom: 15px;
}

.profile-actions {
    display: flex;
    gap: 10px;
    margin-top: 20px;
}

.info-section {
    background: white;
    border-radius: 10px;
    padding: 30px;
    margin-bottom: 20px;
    box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
}

.section-title {
    font-size: 24px;
    color: #2c3e50;
    margin-bottom: 20px;
    padding-bottom: 10px;
    border-bottom: 2px solid #f0f0f0;
    display: flex;
    justify-content: space-between;
    align-items: center;
```

```css
      }

      .info-grid {
          display: grid;
          grid-template-columns: repeat(2, 1fr);
          gap: 20px;
      }

      .info-item {
          padding: 15px;
          background: #f8f9fa;
          border-radius: 8px;
          border-left: 3px solid #667eea;
      }

      .info-label {
          font-size: 12px;
          color: #999;
          text-transform: uppercase;
          letter-spacing: 1px;
          margin-bottom: 5px;
      }

      .info-value {
          font-size: 16px;
          color: #2c3e50;
          font-weight: 500;
      }

      .skills-grid {
          display: flex;
          flex-wrap: wrap;
          gap: 10px;
      }

      .skill-badge {
          padding: 10px 20px;
          border-radius: 25px;
          font-size: 14px;
          font-weight: 500;
          display: inline-flex;
          align-items: center;
          gap: 8px;
      }

      .skill-beginner {
```

```css
      background: #fff3cd;
      color: #856404;
      border: 2px solid #ffc107;
    }

    .skill-intermediate {
      background: #cfe2ff;
      color: #004085;
      border: 2px solid #3498db;
    }

    .skill-advanced {
      background: #d1e7dd;
      color: #0f5132;
      border: 2px solid #27ae60;
    }

    .skill-level-icon {
      font-size: 12px;
    }

    @media (max-width: 768px) {
      .info-grid {
        grid-template-columns: 1fr;
      }

      .profile-main {
        padding: 0 20px 20px;
      }

      .profile-actions {
        flex-direction: column;
      }
    }
</style>
```

Step 2: Update Edit Profile Page

📁 **File: `pages/edit_profile.php` (Enhanced Version)**

Add this to the head section after including style.css:

```html
html

<link rel="stylesheet" href="../assets/css/style.css">
<style>
    .edit-profile-container {
        max-width: 800px;
        margin: 40px auto;
        padding: 0 20px;
    }

    .form-card {
        background: white;
        border-radius: 10px;
        padding: 40px;
        box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
    }

    .form-header {
        margin-bottom: 30px;
    }

    .form-header h2 {
        color: #2c3e50;
        margin-bottom: 10px;
    }

    .form-header p {
        color: #666;
    }

    .form-section {
        margin-bottom: 30px;
        padding-bottom: 30px;
        border-bottom: 1px solid #f0f0f0;
    }

    .form-section:last-child {
        border-bottom: none;
        margin-bottom: 0;
        padding-bottom: 0;
    }

    .form-section h3 {
        font-size: 20px;
        color: #2c3e50;
        margin-bottom: 20px;
```

```css
    display: flex;
    align-items: center;
    gap: 10px;
}

.form-section h3::before {
    content: '';
    width: 4px;
    height: 24px;
    background: #667eea;
    border-radius: 2px;
}

.form-row {
    display: grid;
    grid-template-columns: 1fr 1fr;
    gap: 20px;
}

.profile-picture-preview {
    width: 150px;
    height: 150px;
    border-radius: 50%;
    overflow: hidden;
    margin: 20px auto;
    border: 4px solid #f0f0f0;
    display: flex;
    align-items: center;
    justify-content: center;
    background: #f8f9fa;
}

.profile-picture-preview img {
    width: 100%;
    height: 100%;
    object-fit: cover;
}

.file-input-wrapper {
    position: relative;
    display: inline-block;
    width: 100%;
}

.file-input-wrapper input[type="file"] {
    position: absolute;
    opacity: 0;
```

```css
      width: 100%;
      height: 100%;
      cursor: pointer;
    }


    .file-input-button {
      display: block;
      width: 100%;
      padding: 12px;
      background: #f8f9fa;
      border: 2px dashed #ccc;
      border-radius: 5px;
      text-align: center;
      color: #666;
      cursor: pointer;
      transition: all 0.3s ease;
    }

    .file-input-button:hover {
      border-color: #667eea;
      background: #f0f1ff;
      color: #667eea;
    }

    @media (max-width: 768px) {
      .form-row {
        grid-template-columns: 1fr;
      }

      .form-card {
        padding: 20px;
      }
    }
</style>
```

Step 3: Update Skills Management Page

📁 **File:** `pages/manage_skills.php` **(Enhanced Version)**

Add this enhanced styling:

html

```html
<link rel="stylesheet" href="../assets/css/style.css">
<style>
    .skills-container {
        max-width: 900px;
        margin: 40px auto;
        padding: 0 20px;
    }

    .add-skill-card {
        background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);
        color: white;
        padding: 40px;
        border-radius: 10px;
        margin-bottom: 20px;
        box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
    }

    .add-skill-card h2 {
        color: white;
        margin-bottom: 20px;
    }

    .add-skill-form {
        display: grid;
        grid-template-columns: 2fr 1fr auto;
        gap: 15px;
        align-items: end;
    }

    .add-skill-form .form-group {
        margin-bottom: 0;
    }

    .add-skill-form .form-group label {
        color: rgba(255, 255, 255, 0.9);
        font-weight: 500;
    }

    .add-skill-form .form-control {
        background: rgba(255, 255, 255, 0.9);
        border: none;
    }

    .add-skill-form .btn {
```

```css
    padding: 12px 30px;
}

.skills-list-card {
    background: white;
    border-radius: 10px;
    padding: 30px;
    box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
}

.skills-header {
    display: flex;
    justify-content: space-between;
    align-items: center;
    margin-bottom: 30px;
    padding-bottom: 20px;
    border-bottom: 2px solid #f0f0f0;
}

.skills-header h2 {
    color: #2c3e50;
    margin: 0;
}

.skill-count {
    background: #667eea;
    color: white;
    padding: 8px 16px;
    border-radius: 20px;
    font-size: 14px;
    font-weight: 600;
}

.skills-grid {
    display: grid;
    gap: 15px;
}

.skill-card {
    display: flex;
    justify-content: space-between;
    align-items: center;
    padding: 20px;
    background: #f8f9fa;
    border-radius: 10px;
    border-left: 4px solid #667eea;
    transition: all 0.3s ease;
```

```css
    }

    .skill-card:hover {
        transform: translateX(5px);
        box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
    }

    .skill-info {
        display: flex;
        align-items: center;
        gap: 20px;
        flex: 1;
    }

    .skill-icon {
        width: 50px;
        height: 50px;
        border-radius: 10px;
        display: flex;
        align-items: center;
        justify-content: center;
        font-size: 24px;
    }

    .skill-icon.beginner { background: #fff3cd; }
    .skill-icon.intermediate { background: #cfe2ff; }
    .skill-icon.advanced { background: #d1e7dd; }

    .skill-details {
        flex: 1;
    }

    .skill-name {
        font-size: 18px;
        font-weight: 600;
        color: #2c3e50;
        margin-bottom: 5px;
    }

    .skill-level-badge {
        display: inline-block;
        padding: 4px 12px;
        border-radius: 15px;
        font-size: 12px;
        font-weight: 500;
        text-transform: uppercase;
```

```css
}

.skill-level-badge.beginner {
    background: #ffc107;
    color: #856404;
}

.skill-level-badge.intermediate {
    background: #3498db;
    color: white;
}

.skill-level-badge.advanced {
    background: #27ae60;
    color: white;
}

.skill-actions {
    display: flex;
    gap: 10px;
}

.btn-icon {
    width: 40px;
    height: 40px;
    padding: 0;
    display: flex;
    align-items: center;
    justify-content: center;
    border-radius: 8px;
    font-size: 18px;
}

.empty-state {
    text-align: center;
    padding: 60px 20px;
}

.empty-state-icon {
    font-size: 64px;
    margin-bottom: 20px;
    opacity: 0.3;
}

.empty-state h3 {
    color: #2c3e50;
    margin-bottom: 10px;
```

```
  }

  .empty-state p {
    color: #999;
  }

  @media (max-width: 768px) {
    .add-skill-form {
      grid-template-columns: 1fr;
    }

    .skill-card {
      flex-direction: column;
      gap: 15px;
    }

    .skill-info {
      width: 100%;
    }

    .skill-actions {
      width: 100%;
      justify-content: flex-end;
    }
  }
}
</style>
```

Step 4: Testing Checklist

🧪 **Test All Profile Features**

Test 1: Homepage

1. Visit: http://localhost/alumni-portal/

2. ✅ Should see hero section with gradient background

3. ✅ Statistics should display correctly

4. ✅ Features section shows 6 feature cards

5. ✅ Recent events and jobs appear (if any exist)

6. ✅ "Get Started" buttons work

Test 2: Enhanced Dashboard

1. Login and visit dashboard
2. ✅ Welcome card with gradient background
3. ✅ Mini stats cards show correct numbers
4. ✅ Quick actions grid displays properly
5. ✅ Recent forum activity shows (if posts exist)
6. ✅ Sidebar shows user-specific content
7. ✅ Upcoming events display correctly

Test 3: Profile Pages

1. View your profile
2. ✅ Profile banner with gradient
3. ✅ Avatar displays initials or picture
4. ✅ Profile information in styled cards
5. ✅ Skills display with color-coded badges
6. ✅ Edit button visible on own profile only

Test 4: Edit Profile

1. Click "Edit Profile"
2. ✅ Form sections clearly separated
3. ✅ File upload area styled
4. ✅ Two-column grid on desktop
5. ✅ Single column on mobile
6. ✅ Save and cancel buttons work

Test 5: Skills Management

1. Go to "Manage Skills"
2. ✅ Gradient header card for adding skills
3. ✅ Inline form with three fields
4. ✅ Skills list shows with color-coded levels
5. ✅ Hover effects work on skill cards
6. ✅ Delete button confirms before removing

Test 6: Responsive Design

1. Resize browser window

2. ✅ Navigation menu adapts

3. ✅ Cards stack vertically on mobile

4. ✅ Forms become single column

5. ✅ Text remains readable

6. ✅ No horizontal scrolling

📊 Design Improvements Summary

Before vs After

Element	Before	After
Homepage	None	Professional landing page with hero
Dashboard	Basic stats	Dynamic content based on user type
Profile	Simple layout	Gradient banner, better info display
Forms	Plain inputs	Sectioned forms with visual hierarchy
Skills	Basic list	Color-coded cards with icons
Responsive	Limited	Fully responsive on all devices

Visual Enhancements

1. **Color Usage**
   - Gradient backgrounds for primary sections
   - Color-coded skill levels
   - Status-based badges

2. **Typography**
   - Clear hierarchy with font sizes
   - Consistent spacing
   - Proper font weights

3. **Spacing**
   - Generous whitespace
   - Consistent padding/margins
   - Card-based layouts

4. **Interactivity**
   - Hover effects on cards
   - Smooth transitions
   - Visual feedback

5. **Mobile Experience**
   - Touch-friendly buttons
   - Readable text sizes
   - Stacked layouts

✅ Part 3 Complete!

What You've Accomplished:

✅ Created professional homepage with hero section
✅ Enhanced dashboard with dynamic content
✅ Improved profile viewing experience
✅ Better edit profile interface
✅ Visual skills management system
✅ Fully responsive design
✅ Consistent branding throughout

Files Enhanced:

1. ✅ `index.php` - Complete homepage

2. ✅ `pages/dashboard.php` - Enhanced dashboard

3. ✅ `pages/profile.php` - Better profile view

4. ✅ `pages/edit_profile.php` - Improved edit form

5. ✅ `pages/manage_skills.php` - Visual skills manager

🚀 Next: Part 4

In **Part 4: Responsive Design & Final Polish**, you will:

- Test on different devices

- Optimize performance

- Add final touches

- Cross-browser testing

Next: Part 4 - Responsive Design & Final Polish

Progress: 3/4 Parts Complete (75%)