

HTML Job Application Form Assignment

Assignment Overview

Task: Create a professional job application form for a Web Developer position **Time Allowed:** 45 minutes **Difficulty Level:** Intermediate **Skills Tested:** HTML structure, forms, semantic elements, accessibility

Assignment Instructions

You have been hired as a web developer by **TechCorp Solutions**, a growing software company. Your first task is to create an online job application form for new web developer positions. The HR department has provided you with specific requirements that must be met.

Company Background

TechCorp Solutions is looking to hire talented web developers to join their team. They want a user-friendly, accessible, and professional application form that collects all necessary information from potential candidates while providing a great user experience.

Technical Requirements

1. Document Structure

Create a complete HTML5 document with:

- ✓ Proper `<!DOCTYPE html>` declaration
- ✓ `<html>` element with language attribute set to English
- ✓ Complete `<head>` section with all required meta tags
- ✓ Proper `<body>` structure with semantic containers

2. Head Section Requirements

Your `<head>` section must include:

- ✓ **Page Title:** "Job Application - Web Developer Position"
- ✓ **Character Encoding:** UTF-8 for international character support
- ✓ **Viewport Meta Tag:** For mobile responsiveness
- ✓ **Description Meta Tag:** "Apply for our web developer position. Submit your information and tell us about your experience."
- ✓ **Author Meta Tag:** Your name as the author

3. Page Content Structure

Create the following sections using appropriate container elements:

- ✓ **Header Section:** Company welcome message
- ✓ **Form Container:** Main application form
- ✓ Use `<div>` elements to organize content logically
- ✓ Include a main heading (h1) and section headings (h2)

4. Form Elements - Personal Information Section

Create form inputs for collecting personal details:

Required Fields (must include `required` attribute):

- ✓ **First Name:** Text input with proper label
- ✓ **Last Name:** Text input with proper label
- ✓ **Email Address:** Email input with validation

Optional Fields:

- ✓ **Phone Number:** Telephone input type

Form Requirements:

- ✓ Use `action="/apply"` and `method="post"`
- ✓ All inputs must have proper `id`, `name`, and `label` associations
- ✓ Mark required fields with asterisk (*) in label text

5. Form Elements - Experience Section

Create form elements for professional experience:

Dropdown Selection:

- ✓ **Years of Experience:** Select dropdown with options:
 - Default option: "Select..."
 - "0-1 years"
 - "2-3 years"
 - "4-5 years"
 - "5+ years"

Skills Checkboxes:

- ✓ Use `<fieldset>` and `<legend>` for grouping
- ✓ Legend text: "Skills (check all that apply):"
- ✓ Checkbox options: HTML, CSS, JavaScript, React
- ✓ Each checkbox must have proper `id`, `name`, and `label`

6. Additional Form Elements

Include these supplementary fields:

- ✓ **Portfolio Website:** URL input type
- ✓ Include placeholder text: "<https://yourportfolio.com>"
- ✓ **Cover Letter:** Textarea element with:
 - 5 rows minimum
 - Placeholder text asking about motivation
 - Proper label asking "Why do you want to work with us?"

Submit Button:

- ✓ Button element with text "Submit Application"
- ✓ Proper `type="submit"` attribute

Accessibility Requirements

- ✓ All form inputs have associated labels
- ✓ Use proper `for` and `id` attribute connections
- ✓ Required fields are marked both visually (*) and with `required` attribute
- ✓ Fieldset and legend used for grouped form elements
- ✓ Meaningful placeholder text where appropriate