# Quick Build WEB MODULE - SEP

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Github: [Link](https://github.com/simplysandeepp/vaultofcode)

HTML File

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Interactive Resume Builder</title>

<link rel="stylesheet" href="style.css">

<link rel="preconnect" href="https://fonts.googleapis.com">

<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@300;400;500;700&display=swap" rel="stylesheet">

</head>

<body>

<header class="page-header">

<h1>Interactive Resume Builder</h1>

<p>Fill out the form to create your professional resume.</p>

</header>

<main class="container">

<section class="input-form">

<h2>Your Information</h2>

<div class="progress-bar-container">

<div class="progress-bar-fill" id="progressBar"></div>

</div>

<form id="resume-form">

<div class="form-section personal-details">

<h3>Personal Details</h3>

<input type="text" id="name" placeholder="Full Name" required>

<input type="email" id="email" placeholder="Email Address" required>

<input type="tel" id="phone" placeholder="Phone Number" required>

</div>

<div class="form-section">

<h3>Profile Summary</h3>

<textarea id="profile-summary" rows="5" placeholder="A brief summary of your skills and experience..."></textarea>

</div>

<div class="form-section" id="education-container">

<h3>Education</h3>

<div class="education-entry">

<input type="text" class="education-degree" placeholder="Degree (e.g., B.Sc. in Computer Science)">

<input type="text" class="education-institution" placeholder="University/Institution">

<input type="text" class="education-dates" placeholder="Dates Attended (e.g., 2018-2022)">

</div>

</div>

<button type="button" id="add-education-btn">Add Another Education</button>

<div class="form-section">

<h3>Skills</h3>

<input type="text" id="skills-input" placeholder="Type a skill and press Enter">

<div id="skills-list"></div>

</div>

<div class="form-section" id="experience-container">

<h3>Experience</h3>

<div class="experience-entry">

<input type="text" class="experience-company" placeholder="Company Name">

<input type="text" class="experience-position" placeholder="Position Title">

<input type="text" class="experience-dates" placeholder="Dates Worked (e.g., 2022-Present)">

<textarea class="experience-description" rows="3" placeholder="Description of your responsibilities..."></textarea>

</div>

</div>

<button type="button" id="add-experience-btn">Add Another Experience</button>

<div class="form-buttons">

<button type="button" id="clear-form-btn">Clear Form</button>

<button type="button" id="download-btn">Download as PDF</button>

</div>

</form>

</section>

<section class="resume-preview" id="resume-preview">

<div class="resume-content">

<div class="resume-header">

<h1 id="preview-name">Full Name</h1>

<div class="contact-info">

<span id="preview-email">email@example.com</span> |

<span id="preview-phone">+123-456-7890</span>

</div>

</div>

<div class="resume-section" id="preview-profile-summary">

<h3>Profile Summary</h3>

<p id="preview-summary-text">A brief summary will appear here once you start typing in the form.</p>

</div>

<div class="resume-section" id="preview-education">

<h3>Education</h3>

</div>

<div class="resume-section" id="preview-skills">

<h3>Skills</h3>

<ul class="skills-list">

</ul>

</div>

<div class="resume-section" id="preview-experience">

<h3>Experience</h3>

</div>

</div>

</section>

</main>

<script src="https://cdnjs.cloudflare.com/ajax/libs/html2pdf.js/0.10.1/html2pdf.bundle.min.js"></script>

<script src="script.js"></script>

</body>

</html>

CSS File

/\* General Body and Page Structure \*/

body {

font-family: 'Roboto', sans-serif;

background-color: #f4f7f6;

color: #333;

margin: 0;

padding: 20px;

box-sizing: border-box;

line-height: 1.6;

}

.page-header {

text-align: center;

margin-bottom: 40px;

}

.page-header h1 {

font-weight: 700;

font-size: 2.5em;

color: #1a2a3a;

}

.page-header p {

color: #666;

}

.container {

display: flex;

gap: 30px;

max-width: 1400px;

margin: 0 auto;

border-radius: 10px;

background-color: #fff;

box-shadow: 0 4px 20px rgba(0, 0, 0, 0.08);

padding: 30px;

}

/\* Input Form Section \*/

.input-form {

flex: 1;

padding: 20px;

border-radius: 8px;

}

.form-section {

margin-bottom: 25px;

}

.input-form h2, .input-form h3 {

color: #1a2a3a;

border-bottom: 2px solid #e0e0e0;

padding-bottom: 10px;

margin-bottom: 20px;

}

input[type="text"], input[type="email"], input[type="tel"], textarea {

width: 100%;

padding: 12px;

margin-bottom: 15px;

border: 1px solid #ddd;

border-radius: 6px;

box-sizing: border-box;

font-size: 1em;

transition: all 0.3s ease;

}

input:focus, textarea:focus {

border-color: #007bff;

box-shadow: 0 0 8px rgba(0, 123, 255, 0.2);

outline: none;

}

button {

padding: 12px 25px;

background-color: #007bff;

color: white;

border: none;

border-radius: 6px;

cursor: pointer;

font-size: 1em;

font-weight: 500;

transition: background-color 0.3s ease;

margin-right: 10px;

}

button:hover {

background-color: #0056b3;

}

.form-buttons {

margin-top: 30px;

display: flex;

justify-content: flex-end;

}

#clear-form-btn {

background-color: #dc3545;

}

#clear-form-btn:hover {

background-color: #c82333;

}

.skills-list {

display: flex;

flex-wrap: wrap;

gap: 10px;

margin-top: 10px;

}

.skill-tag {

background-color: #e9ecef;

border-radius: 20px;

padding: 8px 15px;

font-size: 0.9em;

color: #495057;

transition: transform 0.2s ease;

display: flex;

align-items: center;

}

.skill-tag:hover {

transform: translateY(-2px);

}

.skill-tag .remove-skill {

margin-left: 8px;

cursor: pointer;

color: #888;

font-size: 1.2em;

line-height: 1;

}

/\* Resume Preview Section \*/

.resume-preview {

flex: 1;

background-color: #f8f9fa;

padding: 40px;

border-left: 1px solid #eee;

overflow-y: auto;

border-radius: 8px;

box-shadow: inset 0 0 10px rgba(0,0,0,0.05);

transition: opacity 0.5s ease-in-out;

}

.resume-preview.fade-in {

animation: fadeIn 0.8s ease-in-out;

}

@keyframes fadeIn {

from {

opacity: 0;

transform: translateY(20px);

}

to {

opacity: 1;

transform: translateY(0);

}

}

.resume-content {

max-width: 800px;

margin: 0 auto;

}

.resume-header {

text-align: center;

margin-bottom: 20px;

}

.resume-header h1 {

font-weight: 500;

margin: 0;

font-size: 2.2em;

color: #1a2a3a;

}

.contact-info {

color: #555;

font-size: 0.9em;

}

.resume-section {

margin-bottom: 30px;

transition: transform 0.5s ease-out;

}

.resume-section h3 {

color: #007bff;

font-weight: 500;

border-bottom: 2px solid #007bff;

padding-bottom: 5px;

margin-bottom: 15px;

}

.resume-section p, .resume-section li, .resume-section .experience-item {

font-size: 1em;

color: #444;

}

.experience-item {

margin-bottom: 20px;

}

.experience-item h4 {

margin: 0;

font-size: 1.1em;

color: #1a2a3a;

}

.experience-item h5 {

margin: 5px 0;

font-weight: 400;

font-style: italic;

color: #666;

}

.skills-list {

list-style: none;

padding: 0;

margin: 0;

display: flex;

flex-wrap: wrap;

gap: 8px;

}

.skills-list li {

background-color: #e9ecef;

padding: 8px 15px;

border-radius: 20px;

font-size: 0.9em;

color: #495057;

}

.education-item {

margin-bottom: 15px;

}

.education-item h4 {

margin: 0;

font-size: 1.1em;

color: #1a2a3a;

}

.education-item h5 {

margin: 5px 0;

font-weight: 400;

font-style: italic;

color: #666;

}

/\* Bonus: Progress Bar \*/

.progress-bar-container {

height: 8px;

background-color: #e0e0e0;

border-radius: 4px;

margin-bottom: 20px;

overflow: hidden;

}

.progress-bar-fill {

height: 100%;

width: 0%;

background-color: #28a745;

transition: width 0.3s ease;

}

/\* Media Queries for Responsiveness \*/

@media (max-width: 992px) {

.container {

flex-direction: column;

padding: 20px;

}

.resume-preview {

margin-top: 30px;

border-left: none;

border-top: 1px solid #eee;

}

}

@media (max-width: 576px) {

body {

padding: 10px;

}

.page-header h1 {

font-size: 2em;

}

.container {

padding: 15px;

}

button {

padding: 10px 20px;

font-size: 0.9em;

}

.form-buttons {

flex-direction: column;

gap: 10px;

}

}

JAVASCRIPT File

document.addEventListener('DOMContentLoaded', () => {

// --- Get all DOM elements ---

const form = document.getElementById('resume-form');

const resumePreview = document.getElementById('resume-preview');

const previewName = document.getElementById('preview-name');

const previewEmail = document.getElementById('preview-email');

const previewPhone = document.getElementById('preview-phone');

const previewSummaryText = document.getElementById('preview-summary-text');

const previewEducation = document.getElementById('preview-education');

const previewSkills = document.getElementById('preview-skills');

const previewExperience = document.getElementById('preview-experience');

const educationContainer = document.getElementById('education-container');

const addEducationBtn = document.getElementById('add-education-btn');

const experienceContainer = document.getElementById('experience-container');

const addExperienceBtn = document.getElementById('add-experience-btn');

const skillsInput = document.getElementById('skills-input');

const skillsList = document.getElementById('skills-list');

const clearFormBtn = document.getElementById('clear-form-btn');

const progressBar = document.getElementById('progressBar');

const downloadBtn = document.getElementById('download-btn');

// --- Utility function to update a single element's text ---

const updatePreviewText = (element, value, defaultText) => {

element.textContent = value.trim() || defaultText;

};

// --- Main function to update the entire resume preview ---

const updateResume = () => {

updatePreviewText(previewName, form.name.value, 'Your Full Name');

updatePreviewText(previewEmail, form.email.value, 'email@example.com');

updatePreviewText(previewPhone, form.phone.value, '+123-456-7890');

updatePreviewText(previewSummaryText, form['profile-summary'].value, 'A brief summary of your skills and experience will appear here.');

updateEducation();

updateExperience();

updateSkills();

updateProgressBar();

};

// --- Dynamic Education Section ---

const updateEducation = () => {

let educationHTML = '';

const educationEntries = educationContainer.querySelectorAll('.education-entry');

if (educationEntries.length > 0) {

educationEntries.forEach(entry => {

const degree = entry.querySelector('.education-degree').value;

const institution = entry.querySelector('.education-institution').value;

const dates = entry.querySelector('.education-dates').value;

if (degree || institution || dates) {

educationHTML += `

<div class="education-item">

<h4>${degree || 'Degree'}</h4>

<h5>${institution || 'Institution'} | ${dates || 'Dates'}</h5>

</div>

`;

}

});

}

previewEducation.innerHTML = educationHTML;

};

const addEducationRow = () => {

const newEntry = document.createElement('div');

newEntry.classList.add('education-entry');

newEntry.innerHTML = `

<input type="text" class="education-degree" placeholder="Degree (e.g., B.Sc. in Computer Science)">

<input type="text" class="education-institution" placeholder="University/Institution">

<input type="text" class="education-dates" placeholder="Dates Attended (e.g., 2018-2022)">

`;

educationContainer.appendChild(newEntry);

// Add event listeners to the new inputs

newEntry.querySelectorAll('input').forEach(input => {

input.addEventListener('input', updateResume);

});

};

addEducationBtn.addEventListener('click', addEducationRow);

// --- Dynamic Experience Section ---

const updateExperience = () => {

let experienceHTML = '';

const experienceEntries = experienceContainer.querySelectorAll('.experience-entry');

if (experienceEntries.length > 0) {

experienceEntries.forEach(entry => {

const company = entry.querySelector('.experience-company').value;

const position = entry.querySelector('.experience-position').value;

const dates = entry.querySelector('.experience-dates').value;

const description = entry.querySelector('.experience-description').value;

if (company || position || dates || description) {

experienceHTML += `

<div class="experience-item">

<h4>${position || 'Position Title'} at ${company || 'Company Name'}</h4>

<h5>${dates || 'Dates Worked'}</h5>

<p>${description || 'Description of your responsibilities...'}</p>

</div>

`;

}

});

}

previewExperience.innerHTML = experienceHTML;

};

const addExperienceRow = () => {

const newEntry = document.createElement('div');

newEntry.classList.add('experience-entry');

newEntry.innerHTML = `

<input type="text" class="experience-company" placeholder="Company Name">

<input type="text" class="experience-position" placeholder="Position Title">

<input type="text" class="experience-dates" placeholder="Dates Worked (e.g., 2022-Present)">

<textarea class="experience-description" rows="3" placeholder="Description of your responsibilities..."></textarea>

`;

experienceContainer.appendChild(newEntry);

// Add event listeners to the new inputs

newEntry.querySelectorAll('input, textarea').forEach(input => {

input.addEventListener('input', updateResume);

});

};

addExperienceBtn.addEventListener('click', addExperienceRow);

// --- Skills Tag Section ---

const updateSkills = () => {

const skillTags = skillsList.querySelectorAll('.skill-tag');

let skillsHTML = '';

skillTags.forEach(tag => {

const skillText = tag.textContent.replace('×', '').trim();

skillsHTML += `<li>${skillText}</li>`;

});

previewSkills.querySelector('.skills-list').innerHTML = skillsHTML;

};

skillsInput.addEventListener('keydown', (e) => {

if (e.key === 'Enter' && skillsInput.value.trim() !== '') {

e.preventDefault();

const skillText = skillsInput.value.trim();

const newSkillTag = document.createElement('span');

newSkillTag.classList.add('skill-tag');

newSkillTag.innerHTML = `${skillText} <span class="remove-skill">×</span>`;

skillsList.appendChild(newSkillTag);

skillsInput.value = '';

// Add event listener to remove the skill tag

newSkillTag.querySelector('.remove-skill').addEventListener('click', () => {

newSkillTag.remove();

updateSkills();

});

updateSkills();

}

});

// --- Clear Form Button ---

clearFormBtn.addEventListener('click', () => {

form.reset();

// Clear all dynamically added sections

document.querySelectorAll('.education-entry:not(:first-child)').forEach(el => el.remove());

document.querySelectorAll('.experience-entry:not(:first-child)').forEach(el => el.remove());

skillsList.innerHTML = '';

updateResume();

});

// --- Bonus: Progress Bar ---

const updateProgressBar = () => {

const totalFields = document.querySelectorAll('#resume-form input, #resume-form textarea').length;

const filledFields = document.querySelectorAll('#resume-form input:not([type="checkbox"]):not(:placeholder-shown), #resume-form textarea:not(:placeholder-shown)').length;

const skillsCount = skillsList.querySelectorAll('.skill-tag').length > 0 ? 1 : 0;

let completed = filledFields + skillsCount;

let total = totalFields;

const progress = (completed / total) \* 100;

progressBar.style.width = `${progress}%`;

};

// --- Bonus: Download as PDF ---

downloadBtn.addEventListener('click', () => {

// Hide form, show only resume for PDF generation

document.querySelector('.input-form').style.display = 'none';

html2pdf(resumePreview, {

margin: 10,

filename: 'resume.pdf',

image: { type: 'jpeg', quality: 0.98 },

html2canvas: { scale: 2 },

jsPDF: { unit: 'mm', format: 'a4', orientation: 'portrait' }

}).then(() => {

// Restore form visibility

document.querySelector('.input-form').style.display = 'block';

});

});

// --- Initial setup and event listeners ---

// Update preview on any form input

form.addEventListener('input', updateResume);

// Initial call to populate the preview with default values

updateResume();

});

Output







