EXPERIMENT NO: 12

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Problem Statement :

→ Create a web-based resume and deploy it using GitHub Pages.

CODE:

```html
<!DOCTYPE html>

<html lang="en">

<head>

 <meta charset="UTF-8">

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

 <title>Professional Resume Builder</title>

 <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">

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

 <style>

:root {

--primary: #E91E63;

--secondary: #9C27B0;

--accent: #3F51B5;

--bg-gradient: linear-gradient(135deg, #FFB6D9 0%, #D4A5F5 33%, #A5C7FF 66%, #E8D5F2 100%);

--card: #ffffff;

--text: #2A2426;

--contact-bg: #f7f7f7;

--border-light: #E5E5E5;

}


 body.dark {
```

```css
--primary: #F48FB1;

--secondary: #CE93D8;

--accent: #9FA8DA;

--bg-gradient: linear-gradient(135deg, #4A1942 0%, #1A237E 33%, #311B92 66%, #4A148C 100%);

--card: #2A2426;

--text: #FDF6E3;

--contact-bg: #4A4446;

--border-light: #4A4A4A;

}


body {

background: var(--bg-gradient);

background-attachment: fixed;

color: var(--text);

transition: background 0.5s ease, color 0.3s;

font-family: "Poppins", sans-serif;

min-height: 100vh;

}


header {

background: linear-gradient(135deg, #E91E63, #9C27B0, #3F51B5);

color: white;

padding: 40px 20px;

border-bottom-left-radius: 30px;

border-bottom-right-radius: 30px;

text-align: center;

margin-bottom: 2rem;

box-shadow: 0 6px 20px rgba(233, 30, 99, 0.4);
```

```css
position: relative;

overflow: hidden;

}

header::before {

content: '';

position: absolute;

top: -50%;

left: -50%;

width: 200%;

height: 200%;

background: radial-gradient(circle, rgba(255,255,255,0.1) 0%, transparent 70%);

animation: shimmer 3s infinite;

}

@keyframes shimmer {

0%, 100% { transform: translate(0, 0); }

50% { transform: translate(10%, 10%); }

}

header h1 {

position: relative;

z-index: 1;

font-weight: 700;

text-shadow: 2px 2px 4px rgba(0,0,0,0.2);

}

header p {

position: relative;
```

```css
  z-index: 1;

}


#clock {

position: relative;

z-index: 1;

background: rgba(255,255,255,0.2);

padding: 8px 20px;

border-radius: 20px;

display: inline-block;

backdrop-filter: blur(10px);

}


.resume {

background: var(--card);

padding: 40px;

border-radius: 20px;

box-shadow: 0 10px 40px rgba(0,0,0,0.15);

color: var(--text);

border-top: 8px solid transparent;

border-image: linear-gradient(90deg, #E91E63, #9C27B0, #3F51B5) 1;

min-height: 100%;

transform: translateY(0);

transition: transform 0.3s ease, box-shadow 0.3s ease;

}

.resume:hover {

transform: translateY(-5px);
```

```css
  box-shadow: 0 15px 50px rgba(0,0,0,0.2);

}


.resume-header {

border-bottom: 2px solid transparent;

border-image: linear-gradient(90deg, #E91E63, #9C27B0, #3F51B5) 1;

padding-bottom: 1.5rem !important;

margin-bottom: 1rem !important;

}


.resume-header #rName {

background: linear-gradient(135deg, #E91E63, #9C27B0);

-webkit-background-clip: text;

-webkit-text-fill-color: transparent;

background-clip: text;

font-size: 2.5rem;

}


.resume-header #rJob {

color: var(--secondary);

font-size: 1.25rem;

}


#rContact p {

font-size: 0.95rem;

line-height: 1.5;

}
```

```css
.resume h5 {

background: linear-gradient(135deg, #E91E63, #9C27B0);

-webkit-background-clip: text;

-webkit-text-fill-color: transparent;

background-clip: text;

margin-top: 2rem;

margin-bottom: 0.5rem;

padding-bottom: 8px;

border-bottom: 3px solid transparent;

border-image: linear-gradient(90deg, #E91E63, #9C27B0) 1;

font-weight: 600;

text-transform: uppercase;

letter-spacing: 1px;

}


#rExperience, #rProjects {

white-space: pre-wrap;

font-family: inherit;

line-height: 1.6;

padding-left: 15px;

position: relative;

}

.skill {

display: inline-block;

background: linear-gradient(135deg, #E91E63, #9C27B0);

color: white;
```

```css
    padding: 8px 16px;

    border-radius: 25px;

    margin: 4px 4px 4px 0;

    font-size: 0.9rem;

    box-shadow: 0 3px 10px rgba(233, 30, 99, 0.3);

    transition: transform 0.2s ease, box-shadow 0.2s ease;

}

.skill:hover {

transform: translateY(-2px);

box-shadow: 0 5px 15px rgba(233, 30, 99, 0.4);

}

.input-card {

background: rgba(255, 255, 255, 0.95);

backdrop-filter: blur(10px);

box-shadow: 0 8px 32px rgba(233, 30, 99, 0.2);

padding: 30px;

border-radius: 20px;

position: sticky;

top: 20px;

border: 2px solid rgba(255, 255, 255, 0.3);

transform: translateY(0);

transition: all 0.3s ease;

}

body.dark .input-card {

background: rgba(42, 36, 38, 0.95);
```

```css
}

.input-card:hover {

box-shadow: 0 12px 40px rgba(233, 30, 99, 0.3);

}

.input-card h4 {

background: linear-gradient(135deg, #E91E63, #9C27B0, #3F51B5);

-webkit-background-clip: text;

-webkit-text-fill-color: transparent;

background-clip: text;

font-weight: 700;

margin-bottom: 1.5rem;

}


.form-label {

font-weight: 600;

color: var(--primary);

margin-bottom: 0.5rem;

font-size: 0.95rem;

}


.form-control {

background-color: rgba(255, 255, 255, 0.8);

border: 2px solid rgba(233, 30, 99, 0.2);

color: var(--text);

border-radius: 12px;

transition: all 0.3s ease;
```

```css
    padding: 10px 15px;

}


body.dark .form-control {

background-color: rgba(74, 68, 70, 0.8);

}


.form-control:focus {

border-color: var(--primary);

box-shadow: 0 0 0 0.25rem rgba(233, 30, 99, 0.25);

background-color: white;

transform: translateY(-2px);

}


body.dark .form-control:focus {

background-color: var(--contact-bg);

}


.btn {

transition: all 0.3s ease;

border-radius: 12px;

padding: 10px 20px;

font-weight: 600;

border: none;

}


.btn:hover {

transform: translateY(-3px);
```

```css
box-shadow: 0 6px 20px rgba(0,0,0,0.3) !important;

}


.btn-primary {

background: linear-gradient(135deg, #E91E63, #9C27B0) !important;

border: none !important;

}


.btn-success {

background: linear-gradient(135deg, #9C27B0, #3F51B5) !important;

border: none !important;

}


.btn-secondary {

background: linear-gradient(135deg, #3F51B5, #E91E63) !important;

border: none !important;

}


hr {

border-color: rgba(233, 30, 99, 0.2);

opacity: 0.5;

}


.section-divider {

margin: 1.5rem 0;

height: 2px;

background: linear-gradient(90deg, transparent, #E91E63, #9C27B0, #3F51B5, transparent);

border: none;

}
```

```css
footer {

background: rgba(255, 255, 255, 0.9);

backdrop-filter: blur(10px);

border-radius: 15px;

margin: 20px;

box-shadow: 0 4px 15px rgba(0,0,0,0.1);

}

body.dark footer {

background: rgba(42, 36, 38, 0.9);

}

@media (max-width: 768px) {

.input-card {

position: relative;

top: 0;

}

}
```
```html
</style>

</head>

<body>

<header>

<h1>✨ Professional Resume Builder</h1>

<p>Create your stunning resume with real-time preview</p>

<div id="clock"></div>

</header>

<div class="container-fluid mt-4">
```

```html
<div class="row g-4 justify-content-center">

<div class="col-lg-5 col-md-12">

<div class="input-card">

<h4 class="text-center">📝 Your Information</h4>


<div class="mb-3">

<label class="form-label">👤 Full Name</label>

<input type="text" id="name" class="form-control" placeholder="Enter your full name">

</div>


<div class="mb-3">

<label class="form-label">💼 Job Title</label>

<input type="text" id="job" class="form-control" placeholder="e.g. Web Developer">

</div>


<div class="row mb-3">

<div class="col-md-6">

<label class="form-label">📧 Email</label>

<input type="email" id="email" class="form-control" placeholder="you@example.com">

</div>

<div class="col-md-6">

<label class="form-label">📱 Phone</label>

<input type="text" id="phone" class="form-control" placeholder="10-digit number">

<small id="phoneError" class="text-danger d-none">Invalid phone number</small>

</div>

</div>


<div class="mb-3">

<label class="form-label">✍️ Profile Summary</label>
```

```html
<textarea id="summary" class="form-control" rows="3" placeholder="Brief summary about yourself"></textarea>

</div>


<hr class="section-divider">


<h5 style="color: var(--primary); font-size: 1rem; margin-bottom: 1rem;">🎓 Education</h5>


<div class="mb-3">

<label class="form-label">Degree Name</label>

<input type="text" id="school" class="form-control" placeholder="e.g., B.Tech Computer Science">

</div>


<div class="mb-3">

<label class="form-label">Institution Name</label>

<input type="text" id="institution" class="form-control" placeholder="Your college/university">

</div>


<div class="mb-3">

<label class="form-label">Passing Year</label>

<input type="text" id="year" class="form-control" placeholder="e.g., 2020">

</div>


<hr class="section-divider">


<div class="mb-3">

<label class="form-label">💡 Experience</label>

<textarea id="experience" class="form-control" rows="4" placeholder="Company - Role - Duration&#10;Use bullet points for clarity"></textarea>

</div>
```

```html
<div class="mb-3">

<label class="form-label">🚀 Projects</label>

<textarea id="projects" class="form-control" rows="3" placeholder="Project Title - Description"></textarea>

</div>


<div class="mb-3">

<label class="form-label">⚡ Skills</label>

<input type="text" id="skills" class="form-control" placeholder="HTML:8, CSS:7, JavaScript:9">

<small class="text-muted d-block mt-1">Format: Skill:Level (1-10)</small>

</div>


<div class="d-flex gap-2 mt-4 flex-wrap">

<button id="saveData" class="btn btn-primary flex-fill shadow">💾 Save</button>

<button id="downloadPDF" class="btn btn-success flex-fill shadow">📥 PDF</button>

<button id="themeToggle" class="btn btn-secondary flex-fill shadow">🌙 Theme</button>

</div>

</div>

</div>


<div class="col-lg-7 col-md-12">

<div id="resumeArea" class="resume">

<div class="resume-header d-flex justify-content-between align-items-center mb-4 pb-2">

<div>

<h2 id="rName" class="display-5 fw-bold mb-0">Your Name</h2>

<h4 id="rJob" class="text-muted">Job Title</h4>

</div>

<div id="rContact" class="text-end small"></div>

</div>
```

```html
<h5 class="mt-4">Profile Summary</h5>

<p id="rSummary" class="mb-4">Your professional summary will appear here. Keep it brief and impactful, highlighting your key achievements and goals.</p>


<h5 class="mt-4">Experience</h5>

<pre id="rExperience" style="white-space: pre-wrap; font-family: inherit;">Experience details appear here. Use bullet points in the input box for best results.</pre>


<h5 class="mt-4">Education</h5>

<ul id="rEducation" class="list-unstyled">

<li><strong id="rDegree">-</strong>, <span>-</span>, <span>-</span></li>

</ul>


<h5 class="mt-4">Projects</h5>

<pre id="rProjects" style="white-space: pre-wrap; font-family: inherit;">Projects appear here. Describe them concisely.</pre>


<h5 class="mt-4">Skills</h5>

<div id="rSkills" class="pt-2"></div>

</div>

</div>

</div>

</div>


<footer class="text-center py-3">

<p class="mb-0">© 2025 Professional Resume Builder | Built with ❤</p>

</footer>


<script>

const g = id => document.getElementById(id);
```

```javascript
function updateResume() {

const phone = g("phone").value.trim();

const email = g("email").value.trim();

const school = g("school").value || "-";

const institution = g("institution").value || "-";

const year = g("year").value || "-";


if (phone && !/^[0-9]{10}$/.test(phone)) {

g("phoneError").classList.remove("d-none");

} else {

g("phoneError").classList.add("d-none");

}


g("rName").innerText = g("name").value || "Your Name";

g("rJob").innerText = g("job").value || "Job Title";

g("rSummary").innerText = g("summary").value || "Your professional summary will appear here. Keep it brief and impactful, highlighting your key achievements and goals.";


let contactHtml = '';

if (email) contactHtml += `<p class="mb-0 text-dark">${email}</p>`;

if (phone) contactHtml += `<p class="mb-0 text-dark">${phone}</p>`;

g("rContact").innerHTML = contactHtml;


g("rEducation").innerHTML = `

<li>

<strong style="color: var(--primary);">${school}</strong>,

<span>${institution}</span>,
```

```
        <span>${year}</span>

    </li>

`;



g("rExperience").textContent = g("experience").value || "Experience details appear here. Use bullet points in the input box for best results.";

g("rProjects").textContent = g("projects").value || "Projects appear here. Describe them concisely.";



const skillInput = g("skills").value.split(",").map(s => s.trim()).filter(Boolean);

const skillHtml = skillInput.map(item => {

const parts = item.split(":");

const name = parts[0].trim();

const level = parts[1] ? parseInt(parts[1].trim()) : 0;

let levelDisplay = level > 0 ? ` (${Math.min(Math.max(level, 1), 10)}/10)` : '';

return `<span class='skill'>${name}${levelDisplay}</span>`;

}).join("");

g("rSkills").innerHTML = skillHtml;



saveData();

}

function saveData() {

const data = {};

["name","job","email","phone","summary","school","institution","year","experience","projects","skills"].forEach(id => {

data[id] = g(id).value;

});

const dataStr = JSON.stringify(data);

const tempData = {};
```

```javascript
    for (let key in data) tempData[key] = data[key];

}


function loadSaved() {

updateResume();

}


function downloadPDF() {

const resumeArea = g("resumeArea");

const originalBg = resumeArea.style.backgroundColor;

resumeArea.style.backgroundColor = "white";


html2pdf().from(resumeArea).set({

filename: (g("name").value || "Professional_Resume") + ".pdf",

html2canvas: { scale: 2, logging: false },

jsPDF: { unit: "in", format: "letter", orientation: "portrait" }

}).save().then(() => {

resumeArea.style.backgroundColor = originalBg;

});

}


function toggleTheme() {

document.body.classList.toggle("dark");

}


function updateClock() {

const now = new Date();

g("clock").innerText = now.toLocaleDateString('en-US', { dateStyle: 'medium' }) + " | " + now.toLocaleTimeString('en-US', { hour: '2-digit', minute: '2-digit' });
```

```
}

setInterval(updateClock, 1000);

updateClock();


["name","job","email","phone","summary","school","institution","year","experience","projects","skills"].forEach(id => {

g(id).addEventListener("input", updateResume);

});


g("downloadPDF").addEventListener("click", downloadPDF);

g("saveData").addEventListener("click", saveData);

g("themeToggle").addEventListener("click", toggleTheme);

window.addEventListener("load", loadSaved);
```
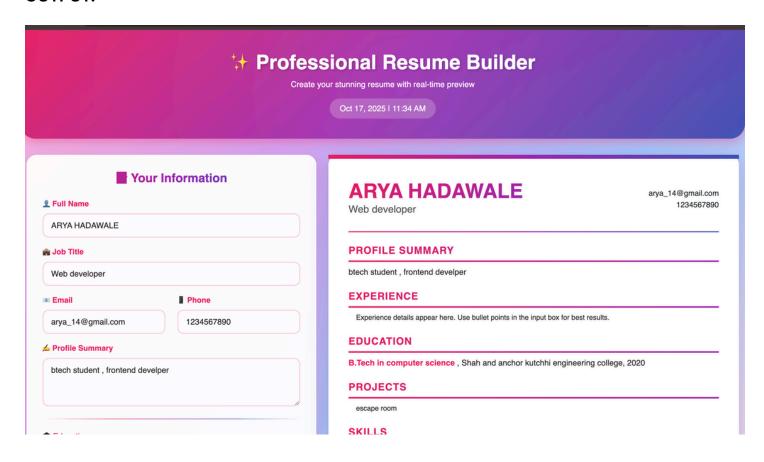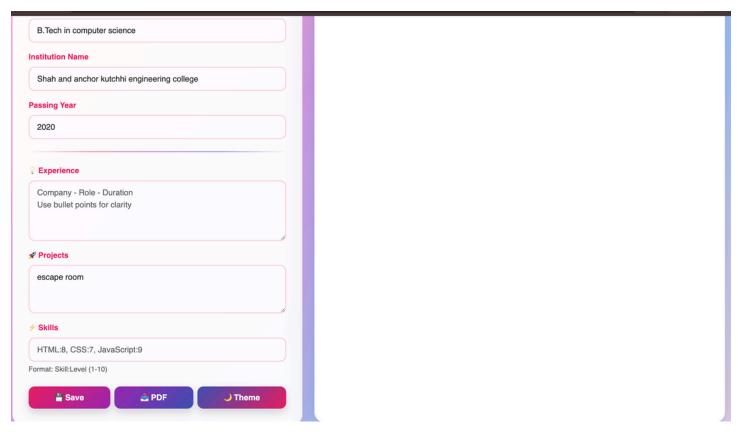
</script>

</body>

</html>

OUTPUT:

✨ **Professional Resume Builder**

Create your stunning resume with real-time preview

Oct 17, 2025 | 11:34 AM

👤 **Your Information**

👤 **Full Name**

ARYA HADAWALE

💼 **Job Title**

Web developer

📧 **Email**

arya_14@gmail.com

📱 **Phone**

1234567890

✍ **Profile Summary**

btech student , frontend develper

ARYA HADAWALE

Web developer

arya_14@gmail.com
1234567890

PROFILE SUMMARY

btech student , frontend develper

EXPERIENCE

Experience details appear here. Use bullet points in the input box for best results.

EDUCATION

B.Tech in computer science , Shah and anchor kutchhi engineering college, 2020

PROJECTS

escape room

SKILLS

Review Questions:

1.Can you update your deployed resume? If yes, how?

Ans: Yes, you can absolutely update your deployed resume.

1. Edit the File: Make your changes directly to the index.html file in your local repository.

2. Commit Changes: Save the updated index.html file.

3. Push to GitHub: Commit and push the new version of the file to the branch you configured for GitHub Pages (usually the main or master branch). GitHub Pages automatically rebuilds and deploys the new content, typically within a few minutes.

2.How do you enable GitHub Pages on your repository? answer them in short.

Ans: You enable GitHub Pages through your repository's settings:

1. Go to your GitHub repository's Settings.

2. Click on Pages in the left sidebar.

3. Under Source or Build and deployment, select the branch (e.g., main) and the folder (usually /root) that contains your index.html file.

4. Click Save. GitHub will then provide the URL where your site is published.