

Project Report

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Online Resume

1. Introduction

The Online Resume Builder is a web-based application designed to assist users in **creating and customizing professional resumes** with minimal effort. It simplifies the tedious process of formatting documents by providing **pre-designed templates**, intuitive **input forms**, and a direct download option in standard formats (like PDF). The platform aims to be the single, user-friendly interface for job seekers to manage their application documents.

2. Objectives

- Provide an easy-to-use platform for resume creation.
- Offer a variety of professionally designed, customizable templates.
- Ensure fast, reliable generation and downloading of resumes (e.g., PDF).
- Guide users through industry-standard resume sections.

- Implement responsive design for accessibility across all devices.

3. Features

3.1 Template Selection: Users can browse and select from a diverse library of professional and modern resume templates suitable for various industries.

3.2 Section Input Forms: Intuitive forms allow users to input data for core sections like Contact Information, Summary/Objective, Experience, Education, and Skills.

3.3 Live Preview: The system displays a real-time, interactive preview of the resume as the user enters and edits data, ensuring immediate visual feedback.

3.4 Customization Tools: Tools enable users to customize font styles, color accents, and section order to match personal branding or job requirements.

3.5 PDF Download: The final resume can be reliably generated and downloaded in a standardized document format (PDF) for easy sharing and printing.

3.6 Responsive Design: The platform is developed using **Bootstrap**, ensuring the website is fully mobile-friendly and accessible across desktops, tablets, and smartphones.

4. Technologies Used

- **Frontend:** HTML, CSS, JavaScript
- **Frameworks:** Bootstrap (for responsive design) ■ **Libraries:** jQuery (for dynamic interactions)

5. Code Topic -

_index.html

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta
```

```
charset="UTF-8">
```

```
  <meta
```

```
name="viewport"
```

```
content="width=device
```

```
e-width,
```

```
initial-scale=1.0">
```

```
  <title>Online
```

```
Resume
```

```
Builder</title>
```

```
  <link rel="stylesheet"
```

```
href="style.css">
```

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

```
</head>
```

```
<body>
```

```
<div class="container
my-4">
```

```
<h1
class="text-center
mb-4">Online Resume
Builder</h1>
```

```
<div class="row">
<!-- Left: Input
Form -->
```

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

```
<form
id="resumeForm">
```

```
<!-- Personal
Info -->
```

```
<h4>Personal
Information</h4>
<input
type="text" id="name"
class="form-control
mb-2"
placeholder="Full
Name">
<input
type="text"
id="contact"
class="form-control
mb-2"
placeholder="Email /
Phone">
<textarea
id="summary"
class="form-control
mb-3"
placeholder="Professi
onal
Summary"></textarea
>
```

```
<!-- Education
-->
```

```
<h4>Education</h4>
```

```
<div
id="educationSection"
></div>
```

```
<button
type="button"
class="btn btn-sm
btn-primary mb-3"
onclick="addEducation()">+ Add
Education</button>
```

```
<!-- Experience
-->
```

```
<h4>Experience</h4>
```

```
<div
id="experienceSection"
"></div>
```

```
<button  
type="button"  
class="btn btn-sm  
btn-primary mb-3"  
onclick="addExperien  
ce()">+ Add  
Experience</button>
```

```
<!-- Skills -->  
<h4>Skills</h4>  
<input  
type="text" id="skills"  
class="form-control  
mb-3"  
placeholder="e.g.,  
HTML, CSS,  
JavaScript">
```

```
<!-- Download  
Button -->
```

```
        <button
type="button"
class="btn
btn-success"
onclick="downloadRe
sume()">Download
Resume
(PDF)</button>
    </form>
</div>
```

```
    <!-- Right: Live
Preview -->
    <div
class="col-md-6">
        <div
class="resume-previe
w p-3 border rounded
bg-light"
id="resumePreview">
            <h2
id="previewName">Y
our Name</h2>
```


<p
id="previewContact">
Email | Phone</p>

<p
id="previewSummary"
>Short professional
summary will appear
here...</p>

<h4>Education</h4>
<ul
id="previewEducation
>

<h4>Experience</h4>
<ul
id="previewExperienc
e">

<h4>Skills</h4>

```
<p
id="previewSkills"></
p>
</div>
</div>
</div>
</div>
```

```
<script
src="https://code.jquer
y.com/jquery-3.6.0.mi
n.js"></script>
```

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

```
<script
src="https://cdn.jsdelivriv
r.net/npm/bootstrap@5
.3.0/dist/js/bootstrap.b
undle.min.js"></script
>
```

```
</body>
```

```
</html>
```

style.css

```
body {  
    font-family: Arial, sans-serif;  
}  
  
.hero { background: url("images/img1.avif") center/cover  
    no-repeat; color: white; text-align: center; padding: 100px  
    20px;  
}  
  
.hero h1 {  
    font-size: 3rem;  
    font-weight: bold;  
}  
  
.card img {  
    height: 200px;  
    object-fit: cover;  
}  
  
footer {  
    margin-top: 30px;  
}
```

script.js

script.js

```
$(document).ready(function () {
```

```
    // Update live preview
```

```
    $("#name, #contact, #summary, #skills").on("input", function () {
```

```
        $("#previewName").text($("#name").val() || "Your Name");
```

```
        $("#previewContact").text($("#contact").val() || "Email | Phone");
```

```
        $("#previewSummary").text($("#summary").val() || "Short professional summary will  
appear here...");
```

```
        $("#previewSkills").text($("#skills").val() || "Skills will appear here...");
```

```
    });
```

```
});
```

```
// Add Education
```

```
function addEducation() {
```

```
    let eduId = Date.now();
```

```
    $("#educationSection").append(`
```

```
        <div class="edu-entry mb-2" id="edu-${eduId}">
```

```
            <input type="text" class="form-control mb-1 edu-degree" placeholder="Degree /  
Course">
```

```
            <input type="text" class="form-control mb-1 edu-year" placeholder="Year">
```

```
            <input type="text" class="form-control mb-1 edu-institute" placeholder="Institute">
```

```
        </div>
```

```
    `);
```

```
$(".edu-entry input").on("input", updateEducation);
```

```
}
```

```
function updateEducation() {
```

```
$("#previewEducation").empty();
```

```
$(".edu-entry").each(function () {
```

```
    let degree = $(this).find(".edu-degree").val();
```

```
    let year = $(this).find(".edu-year").val();
```

```
    let institute = $(this).find(".edu-institute").val();
```

```
    if (degree || year || institute) {
```

```
        $("#previewEducation").append(`<li>${degree} (${year}) - ${institute}</li>`);
```

```
    }
```

```
});
```

```
}
```

```
// Add Experience
```

```
function addExperience() {
```

```
    let expId = Date.now();
```

```
    $("#experienceSection").append(  
        <div class="exp-entry mb-2" id="exp-${expId}">  
            <input type="text" class="form-control mb-1 exp-role" placeholder="Job Title / Role">  
            <input type="text" class="form-control mb-1 exp-year" placeholder="Year(s)">  
            <textarea class="form-control mb-1 exp-desc" placeholder="Job  
Description"></textarea>
```

```
</div>
```

```
`);
```

```
$(".exp-entry input, .exp-entry textarea").on("input", updateExperience);
```

```
}
```

```
function updateExperience() {
```

```
$("#previewExperience").empty();
```

```
$(".exp-entry").each(function () {
```

```
    let role = $(this).find(".exp-role").val();
```

```
    let year = $(this).find(".exp-year").val();
```

```
    let desc = $(this).find(".exp-desc").val();
```

```
    if (role || year || desc) {
```



```
$("#previewExperience").append('<li><b>${role}</b> (${year}) <br> ${desc}</li>');

}

});

}

// Download Resume

function downloadResume() {

    window.print();

}
```

6.Output

Online Resume Builder

Personal Information

Alan Rio

alanpanda@gmail.com

I am GOAT.

Education

BTech in CSE

2020

VIT Vellore

MTech in CSE

2022

IIT Madras

PHD in CSE

2025

IIT Bombay

+ Add Education

IIT Madras

PHD in CSE

2025

IIT Bombay

+ Add Education

Experience

Google

2

Software Developer

+ Add Experience

Skills

Full Stack Developer

Download Resume (PDF)

Alan Rio

alanpanda@gmail.com

I am GOAT.

Education

BTech in CSE (2020) - VIT Vellore

MTech in CSE (2022) - IIT Madras

PHD in CSE (2025) - IIT Bombay

Experience

Google (2)

Software Developer

Skills

Full Stack Developer

Skills

Full Stack Developer

7. Benefits

- **Saves Time:** Automates formatting, allowing users to focus purely on content.
- **Professional Quality:** Ensures the final document adheres to modern professional design standards.
- **Ease of Use:** Simplifies the creation process for job seekers of all technical levels.
- **Accessibility:** Enhances user experience with a responsive and interactive design.

8. Conclusion

The **Online Resume Builder** represents a practical and efficient web-based solution for job seekers. By integrating essential functions like template customization, structured input, and reliable PDF generation using modern web technologies like **Bootstrap**, it provides a **seamless and efficient** way to create application documents. The platform's commitment to

reliability, responsiveness, and accessibility positions it as a valuable tool for anyone managing their career documents.