

RESUME BUILDER WEB APPLICATION



AN INTERNSHIP TRAINING REPORT

submitted by

KABILESWARAN A

in partial fulfilment for the award of the degree

of

BACHELOR OF ENGINEERING

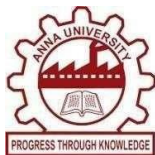
in

COMPUTER SCIENCE AND ENGINEERING

K RAMAKRISHNAN COLLEGE OF TECHNOLOGY

(An Autonomous Institution, affiliated to Anna University Chennai, Approved by AICTE, New Delhi)
Samayapuram – 621 112

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(AUTONOMOUS)
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BONAFIDE CERTIFICATE

Certified that this Internship Training report “**RESUME BUILDER WEB APPLICATION**” is the bonafide work of “**KABILESWARAN A(811721104041)**”
Who carried out the project work under supervision

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Submitted for the Industrial Training Report Paper Presentation held on

INTERNAL EXAMINER

DECLARATION

I hereby declare that the Internship Training Report on “**RESUME BUILDER WEB APPLICATION**” is the result of original work done by me to the best of my knowledge.

Signature

KABILESWARAN A

Place: Samayapuram

Date:

ABSTRACT

In today's competitive job market, having a well-structured resume is crucial. An innovative tool for resume creation has developed to assist individuals in creating professional resumes that effectively highlight their skills, experiences, and qualifications. This work tool guides users through each step, ensuring that they include all the essential sections and relevant information necessary to make a strong impression on potential users. The proposed Resume builder will generate automated or give a suggestion to user to add summary with user friendly access and in easy language. The application offers a user- friendly interface and a variety of customizable templates to cater to diverse professional fields. The main objective of resume builder is to manage details of resume, qualification, skills etc. It is not only generating resume in a very short time but also generate simple and sensible. The Resume Builder Application aims to streamline the resume creation process, making it accessible for users of all experience levels, ultimately enhancing their job search and career advancement opportunities.

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CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

A resume builder is an online tool designed to assist resume builder in creating professional and effective resumes. It simplifies the process of resume creation by providing pre-designed templates, customizable sections, and helpful tips. With a resume builder, individuals can easily input their personal information, work experience, education, skills, and achievements into the template, resulting in a polished and well- structured resume. Resume builders offer a range of features that streamline the resume writing process. These include spell-checking, formatting assistance. Many builders also provide industry-specific templates and sample phrases to help tailor the resume to a specific job or field. Additionally, some resume builders offer integration with job search platforms, allowing users to directly. submit their resumes to job openings. Overall, a resume builder can save users significant time and effort, enabling them to create professional resumes without the need for extensive design or formatting knowledge. It ensures that important details are included. and presented in an organized manner, increasing the chances of catching the attention. of employers and securing job interviews. A resume builder is a valuable tool that assists individuals in creating professional and compelling resumes. In today's competitive job market, having a well- crafted resume is essential for securing employment opportunities

1.1 INTRODUCTION OF RESUME BUILDER

Resume builder project combines the power of CSS, JavaScript, and HTML to create a dynamic and user-friendly banking application. With a focus on modern web development techniques, this project aims to provide a seamless banking experience for users while demonstrating proficiency in front-end technologies.

CSS Integration:

CSS plays a pivotal role in the Resume builder project by styling the user interface elements to enhance usability and visual appeal. Through CSS, the project achieves consistency in design across different pages, ensuring a cohesive and professional look. From defining color schemes to layout structures, CSS customization empowers the application to reflect the branding and usability standards of a modern platform.

JavaScript Functionality:

JavaScript adds interactivity and functionality to the Resume builder project, elevating it beyond a static webpage. Through JavaScript, dynamic features such as transaction processing, account management, and form validation are implemented, providing users with a responsive and engaging banking experience. Leveraging JavaScript libraries and frameworks enhances the project's scalability and performance, ensuring smooth operation even with complex banking functionalities.

HTML Structure:

HTML forms the foundation of the Resume builder project, structuring content and defining the layout of web pages. By utilizing semantic HTML elements, the project prioritizes accessibility and search engine optimization, making it easily navigable for users and visible to search engines. Clear and organized HTML markup ensures development and maintenance of the application, contributing to its overall reliability and usability.

CHAPTER 2

TOOLS AND TECHNOLOGY

2.1 HTML

HyperText Markup Language (HTML) is the standard markup language for creating web pages and web applications. It provides the structure and content of a webpage, defining elements such as headings, paragraphs, images, and links by structuring the content with semantic HTML tags, developers ensure accessibility, search engine optimization, and maintainability of the Resume builder application.

2.2 HTML Paragraph

HyperText Markup Language (HTML) serves as the foundation of the Resume builder project, providing the structural framework for organizing content and defining the layout of webpages. In the context of the Resume builder application, HTML structures the various elements such as headers, paragraphs, forms, and navigation menus, ensuring logical flow and accessibility for users. By adhering to best practices in semantic HTML markup, developers optimize the website for search engines, screen readers, and other assistive technologies, thereby enhancing usability and inclusivity. Through proper HTML structuring, the Resume builder project establishes a solid foundation for subsequent styling with CSS and interactivity with JavaScript, facilitating a seamless user experience.

2.3 CSS

CSS is used to style the layout of the resume, including sections like contact info, education, experience, and skills. It ensures consistent spacing, margins, and alignment across different resume sections for a clean and professional look. Custom fonts and font sizes are applied using CSS to improve readability and visual appeal. CSS flexbox or grid layout is commonly used to arrange elements responsively, especially in multi-column designs. Colors are defined through CSS to highlight key sections or headings while maintaining a formal tone. CSS media queries help make the resume printable and responsive across different screen sizes. Shadow, border, and hover effects are used subtly in the builder interface to enhance the user experience.

2.4 JavaScript

JavaScript dynamically captures user input from form fields and updates the resume preview in real time. It allows users to add or remove sections like work experience, or skills without refreshing the page. JavaScript validates input fields to ensure users provide correct and complete information before submission. It enables download functionality, such as generating a PDF of the completed resume using libraries like jsPDF. JavaScript enhances interactivity by showing or hiding optional fields based on user choices. It stores user data temporarily using local storage or session storage, so progress isn't lost on page reloads.

2.5 JavaScript Paragraph

JavaScript is the driving force behind the dynamic and interactive features of the Resume builder project, elevating it beyond a static webpage to a fully functional web application. With JavaScript, developers implement client-side

functionalities such as form validation, interactive elements, and asynchronous data fetching, enriching the user experience and improving usability. Through event handling and DOM manipulation, JavaScript enables seamless interaction with the application, providing users with real-time feedback and enhancing engagement. By harnessing the power of JavaScript frameworks and libraries, the Resume builder project delivers a responsive and intuitive interface that meets the evolving demands of customers.

CHAPTER 3

WORKING METHODOLOGY

3.1 WORKING METHODOLOGY

Requirements Gathering: Understand the specific needs and requirements of the Resume designing, including security, scalability, and regulatory compliance.

Risk Assessment: Identify potential risks and threats to the system, such as cyber attacks, data breaches, and operational failures.

Design: Create a detailed design for the Resume, including architecture, database design, user interface design, and system integration approach. Ensure scalability, security, and compliance with regulatory standards.

Development: Implement the designed system using appropriate technologies and programming languages. Follow coding standards, best practices, and version control procedures. Collaborate with stakeholders for feedback and iteration.

Testing: Perform various types of testing, including unit testing, integration testing, system testing, and user acceptance testing. Identify and fix bugs, ensure functionality meets requirements, and validate security measures.

Deployment: Deploy the system to the production environment following deployment plans and procedures. Monitor system performance during deployment and address any issues that arise.

Training and Documentation: Provide training to end-users and administrators on how to design the Resume effectively. Create comprehensive documentation covering system functionality, maintenance procedures, and troubleshooting guides.

Maintenance and Support: Provide ongoing maintenance and support for the deployed system, including regular updates, bug fixes, and user support.

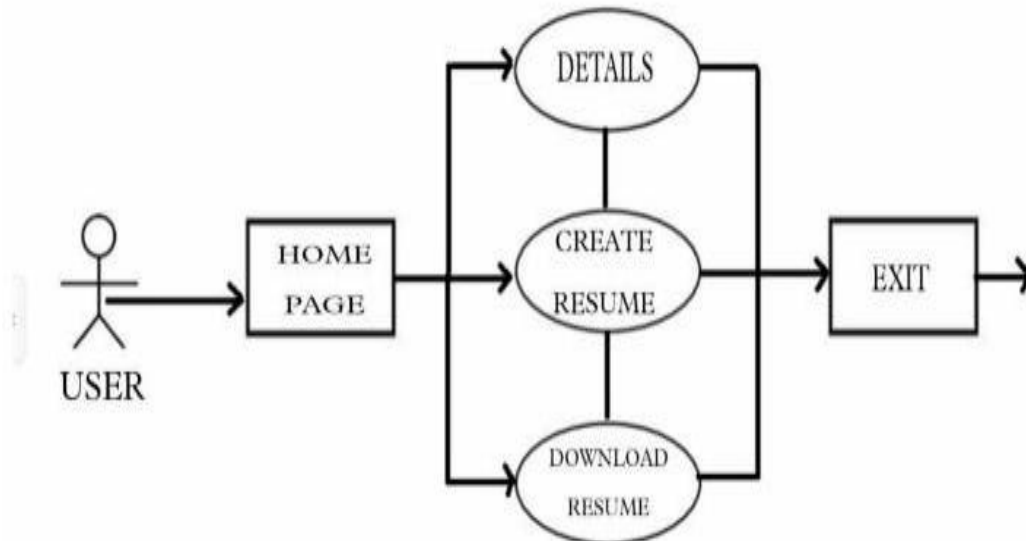
3.2 ARCHITECTURE

Frontend: This is the user interface users interact with. It could be a web application, mobile app, or desktop application.

Backend: This handles the core functionality of the application, like processing transactions, storing data, and interacting with external systems.

Technologies: HTML, CSS, JavaScript

Scalability: The architecture should be able to handle a growing number of users and transactions.



CHAPTER 4

TESTING

4.1 TESTING

Performance testing is done to test run-time performance of the software within context of an integrated system. For real time systems, adherence to performance requirements is a must. It determines the amount of execution time spent in various units, program throughput and response time. This system being highly user-interactive and capable of executing large volume of data was expected to have a small response time.

4.2 UNIT TESTING

Unit testing involves test planning, test case development and measurement of test unit against the requirement specifications. Planning involves designing the schedule, determining the resources required and determining the features to be tested. Test case development involves designing test cases that are to be tested; the test cases are prepared so as to test the system exhaustively to find the bugs present in the system. Measurement of test unit against specification involves testing the system by giving the test cases as input and checking the systems adherence to its specification.

CHAPTER 5

PROPOSED SYSTEM

In proposed work, initially the user have to get into the website using the url.After successful get in to website user will see a pop-up/flash message shows "WelcomeBack!" and same happens. There is a multiple page in the website like home page which is simple intro page of the website. Then there is a About pagewhich explain the purpose/use of the website. And website also have a video where you can see about the simple, creative, professional, modern resume and know howto you can make those resume templates for you. On the same page there is "CreateMy Resume" button which will redirect the user to a new page for creating a resume.After that a form will appear to fill by the user.

5.1 ADVANTAGES

There are a number of advantages to a career in designing resume, depending on what you're looking for in a job. Here are a few of the top perks:

Full-Stack Development Practice:Opportunity to work with front-end, back-end, and possibly database or cloud technologies.

Form Handling and Validation Skills:Demonstrates ability to manage dynamic forms, real- time validation, and user input sanitization.

Data Persistence and Management:Involves storing user data securely using databases (e.g., MongoDB, MySQL).

PDF/Document Generation:Shows skill in converting dynamic data into downloadable format which is a valuable real-world application.

Authentication & User Sessions:Can demonstrate implementation of login/signup systems and user session management.

5.2DISADVANTAGES

While it have long been a cornerstone of the resume builder system, they face several challenges in the modern era:

Limited Real-World Complexity (Basic Version):A simple HTML/JS project may not demonstrate back-end or database skills.Might not reflect complex app architecture or scalable design unless extended.

Resume Formatting Challenges:Generating perfectly styled, printer-friendly resumes (especially in PDF) can be tricky with pure front-end tools.Browser rendering issues can cause inconsistencies across devices.

Limited Testing Complexity:Without dynamic data flow or back-end, opportunities to practice unit testing, integration testing, or debugging complex states are minimal.

CHAPTER 6

IMPLEMENTATION

6.1 Code Structure Index.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```
<title> Home Page</title>
```

```
<meta name="description" content="">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<link rel="stylesheet" href="assets/css/main.css">
```

```
</head>
```

```
< body>
```

```

<nav class = "navbar bg-white" >

<div class="container">

<div class = "navbar-content">

<div class = "brand-and-toggler">

<a href = "index.html" class = "navbar-brand">

<img src = "assets/images/curriculum-vitae.png" alt = "" class = "navbar-brand-
icon">

< span class = "navbar-brand-text">build <span>resume. </span>

</a>

<button type = "button" class = "navbar-toggler-btn">

<div class = "bars">

<div class = "bar"></div>

<div class = "bar"></div>

<div class = "bar"></div>

</div>

</button>

</div>

</div>

</div>

```

```

</nav>

<header class = "header bg-bright" id = "header">

<div class = "container">

<div class = "header-content text-center">

<h6 class = "text-uppercase text-blue-dark fs-14 fw-6 ls-1">online resume
builder</h6>

<h1 class = "Ig-title">Only 2% of resumes make it pas the first round. Be in the
top 2% </h1>

<p class = "text-dark fs-18">Use professional field-tested resume templates that
follow that exact 'resume rules' employers look for. Easy to use and done within
minutes - try now for free! </p>

<a href = "resume.html" class = "btn btn-primary text-uppercase"> create my r e s
u m e < / a >

<img src = "assets/images/dublin-resume-templates.avif">

</div>

</div>

</header>

```

Main.css

Import

```
url'https://fonts.googleapis.com/css2?family=Manrope:wght@200;300;400;500;600;700;800&family=Poppins:ital,wght@0,100;0,200;0,300;0,400;0,500;0,600;0,700;0,800;0,900;1,100;1,200;1,300;1,400;1,500;1,600;1,700;1,800;1,900&display=swap');
```

0;700;800& family-

Poppins:ital,wght@0,100;0,200;0,300;0,400;0,500;0,600;0,700;

0,800;0,900;1,100;1,200;1,300;1,400;1,500;1,600;1,700;1,800;1,900&di
splay=

swa p');

--clr-blue: #1A91F0;

--clr-blue-mid: #1170CD;

--clr-blue-dark: #1A1C6A;

--clr-white: #fif;

--clr-bright: #EFF2F9;

```
--clr-dark: #12532;

--clr-black: #000;

--clr-grey: #656e83;

--clr-green: #084C41;

--font-poppins: 'Poppins', sans-serif;
--font-manrope: 'Manrope', sans-serif;;

--transition: all 300ms ease-in-out;

* { padding: 0;
margin: 0;
box-sizing: border-box; html {
font-size: 10px;
}
body {
font-size: 1.6rem;
```



```
font-family: var(--font-poppins); button {  
border: none;  
background-color: transparent; outline: 0;  
cursor: pointer; font-family: inherit; img  
width: 100%; display: block;  
text-decoration: none;  
/* fonts */  
font-poppins { font-family: var(--font-poppins); } font-manrope { font-  
family: var(--font-manrope); } App.js  
I/ regex for validation  
const strRegex = /^[a-zA-Z\s]*$/; // containing only letters
```

```

const emailRegex =
MOON15@"]+0.1>0171.,5:1s@"]+)*)((".+"))@((([0-9]{1,3};\.[0-
9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\J)|([a-zA-Z\0-9]+.)+[a-zA-Z]{2,}))$;/

const phoneRegex = /^[+]?[(?[0-9]{3}D)?[0-9]{3}[-|s|.]?[0-9]{4,6}$ /im;

/* supports following number formats - (123) 456-7890, (123)456-7890,
123-
456-
7890, 123.456.7890, 1234567890, +31636363634, 075-63546725 */

const digitRegex = /^\d+$/;

const mainForm = document.getElementById('cv-form'); const
validType = 1

TEXT: 'text', TEXT_EMP: text_emp, EMAIL: 'email', DIGIT: 'digit',
PHONENO: 'phoneno', ANY: 'any',

// user inputs elements

```

```
let firstnameElem = mainForm.firstname, middlenameElem =  
mainForm.middlename, lastnameElem = mainForm.lastname,  
imageElem = mainForm.image, designationElem =  
mainForm.designation, addressElem = mainForm.address, emailElem =  
mainForm.email, phonenoElem = mainForm.phoneno, summaryElem =  
mainForm.summary;  
  
// display elements  
  
let nameDsp = document.getElementById('fullname_dsp'), imageDsp =  
document.getElementById(image_dsp'), phonenoDsp =  
document.getElementById(phoneno_dsp), emailDsp =  
document.getElementById(email_dsp'), addressDsp =  
document.getElementById(address _dsp'),  
designationDsp = document.getElementById(designation _dsp'),  
summaryDsp = document.getElementById(summary_dsp'),
```

```
projectsDsp = document.getElementById(projects_dsp'),
achievementsDsp = document.getElementById('achievements_dsp'),
skillsDsp = document.getElementById(skills_dsp),
educationsDsp = document.getElementById(educations _dsp'),
experiencesDsp = document.getElementById('experiences_dsp');
```

Script.js

```
// form repeater

$(document).ready(function){

$('repeater').repeater({ initEmpty: false, default Values: {

'text-input': " show: function{

$(this).slideDown);

hide: function(deleteElement) {

$(this).slideUp(deleteElement);
```

```
set Timeout(0 → > { generateCVO;  
    $ , 5 0 0 ) ;  
isFirstItemUndeletable: true  
})
```


CHAPTER 7

SCREENSHOTS

Only 2% of resumes make it pas the first round. Be in the top 2%

Use professional field-tested resume templates that follow that exact 'resume rules' employers look for. Easy to use and done within minutes - try now for free!

CREATE MY RESUME



Sophie Walton

CUSTOMER SERVICE REPRESENTATIVE

Details

32600 42nd Ave SW
Seattle, WA 98116
United States
(206) 742-5187
twe12@yahoo.com

Profile

Dedicated Customer Service Representative dedicated to providing quality care for ultimate customer satisfaction. Proven ability to establish and maintain excellent communication and relationships with clients. Adept in general accounting and finance transactions. Dedicated to identifying customer needs and delivering effective solutions to all problems. Excellent time management skills combined with a superior knowledge of the customer service industry. Bilingual, hardworking, and ready to join my next team.

Employment History

Branch Customer Service Representative, AT&T Inc. , Seattle

AUGUST 2014 - SEPTEMBER 2018

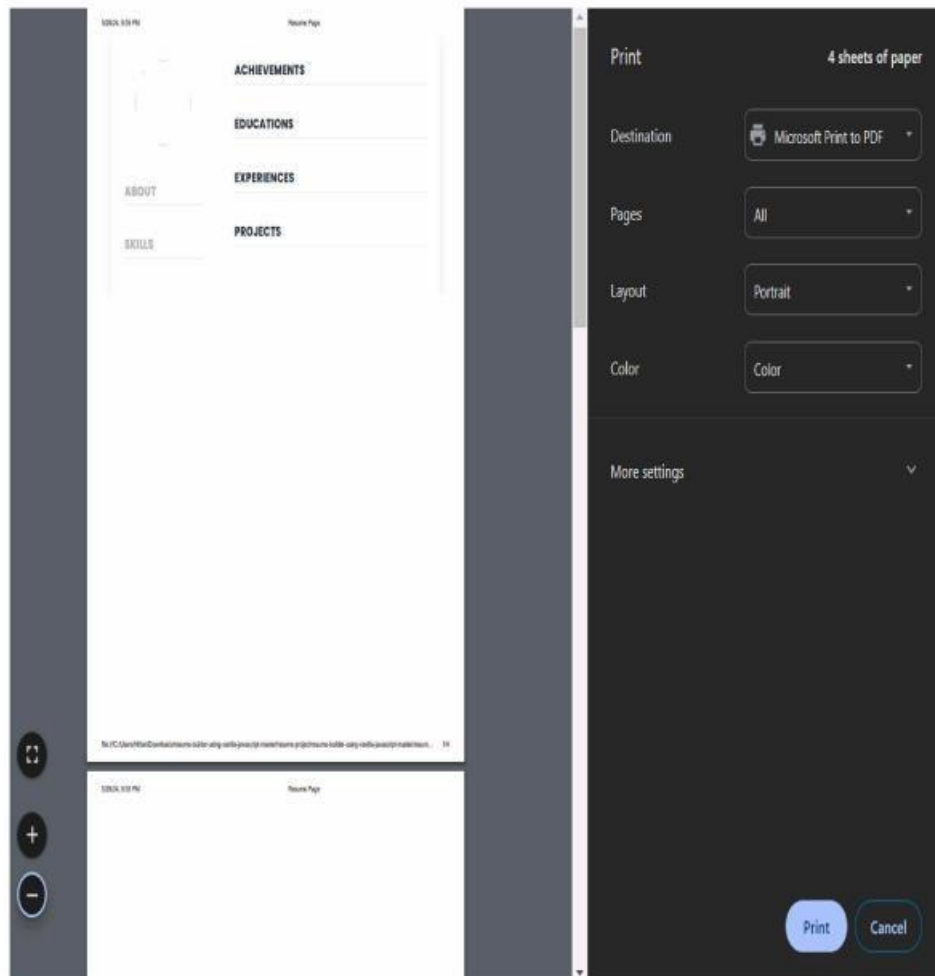
- Maintained up to date knowledge of products and services.
- Handled customer calls and responded to queries about services, product

ABOUT SECTION

First Name	Middle Name (optional)	Last Name
<input type="text" value="e.g. John"/>	<input type="text" value="e.g. Herbert"/>	<input type="text" value="e.g. Doe"/>
Your Image	Designation	Address
<input type="button" value="Choose File"/> No file chosen	<input type="text" value="e.g. Sr.Accountants"/>	<input type="text" value="e.g. Lake Street-23"/>
Email	Phone No:	Summary
<input type="text" value="e.g. johndoe@gmail.com"/>	<input type="text" value="e.g. 456-768-798, 567.654.002"/>	<input type="text" value="e.g. Doe"/>

ACHIEVEMENTS

Title	Description
<input type="text" value="e.g. johndoe@gmail.com"/>	<input type="text" value="e.g. johndoe@gmail.com"/>



CHAPTER 8

CONCLUSION

In conclusion, A resume builder web application is a valuable tool that simplifies and streamlines the process of creating professional resumes. It offers a user-friendly interface for users to input their information, select desired templates and layouts, and generate well-formatted resumes in various formats. With features such as data validation, saving and exporting options, collaboration and sharing capabilities, and customizable designs, a resume builder web application provides convenience, efficiency, and flexibility to users in crafting compelling resumes. It saves time, ensures consistency, and enables users to showcase their skills and qualifications effectively. By incorporating thorough testing and addressing security, performance, and usability aspects, a resume builder web application can empower job seekers in presenting their qualifications in a polished and professional manner.