# PROFESSIONAL TRAINING REPORT

**at**

**Sathyabama Institute of Science and Technology (Deemed to be University)**

Submitted in partial fulfillment of the requirements for the award of Bachelor of Engineering Degree in Computer Science and Engineering

By

**Aditya Kant Verma**

**(40110033)**

****

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING SCHOOL OF COMPUTING**

**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY JEPPIAAR NAGAR, RAJIV GANDHI SALAI,**

**CHENNAI – 600119, TAMILNADU**

**SATHYABAMA**

**INSTITUTE OF SCIENCE AND TECHNOLOGY**

### (DEEMED TO BE UNIVERSITY)

**Accredited with Grade “A” by NAAC**

**(Established under Section 3 of UGC Act, 1956)**

**JEPPIAAR NAGAR, RAJIV GANDHI SALAI, CHENNAI– 600119**

[**www.sathyabamauniversity.ac.in**](http://www.sathyabamauniversity.ac.in/)

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**BONAFIDE CERTIFICATE**

This is to certify that this Project Report is the bonafide work of **Aditya Kant Verma(Reg.No: 40110033)** who carried out the project entitled “**Online CV Builder**” under my supervision from July 2022 to Oct 2022.

## Internal Guide

## Amandeep Singh K

## B.E,M.TECH,(PHD)

**Head of the Department**

**Dr.S.Vigneshwari M.E., Ph.D.**

**Dr.L.Lakshmanan M.E., Ph.D.**



## Submitted for Viva voce Examination held on

**InternalExaminer ExternalExaminer**

**DECLARATION**

I, **Aditya Kant Verma** hereby declare that the project report entitled **Online CV Builder** done by me under the guidance of **Amandeep Singh K** is submitted in partial fulfillment of the requirements for the award of Bachelor of Engineering Degree in Computer Science and Engineering.

## DATE:

**PLACE: SIGNATURE OF THECANDIDATE**

**ACKNOWLEDGEMENT**

I am pleased to acknowledge my sincere thanks to **Board of Management** of **SATHYABAMA** for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

I convey my thanks to **Dr.T.Sasikala M.E., Ph.D.**, **Dean**, School of Computing , **Dr.S.Vigneshwari M.E., Ph.D., and Dr.L.Lakshmanan M.E., Ph.D.,** Heads of the Department of Computer Science and Engineering for providing me necessary support and details at the right time during the progressive reviews.

I would like to express my sincere and deep sense of gratitude to my Project Guide **Amandeep Singh K**., for his valuable guidance, suggestions and constant encouragement paved way for the successful completion of my project work.

I wish to express my thanks to all Teaching and Non-teaching staff members of the **Department of Computer Science and Engineering** who were helpful in many ways for the completion of the project.

**ABSTRACT**

A resume also called **curriculum vitae** or **CV** is a document that contains a summary or listing of relevant job experience and education. The resume or CV is typically the first item that a potential employer encounters regarding the job seeker and is typically used to screen applicants, often followed by an interview, when seeking employment.

In the job search process, a well-written and well-designed resume is essential. Our program does the thinking and writing for you Resume Builder simplifies the work of finding the job by providing intelligent and user-friendly software.

Resume Builder can display the resume structure in a user-friendly format, This would be facilitating the students to make and print their resumes in a proper format. In addition, it will be facilitating the higher management to search the students depending upon their skill sets and other attributes. The basic requirement is to have a centralized repository of all skill-holders in the organizations that a student with a particular skill set can immediately found in case of urgent requirement.

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**Chapter 1**

**1.0** **Introduction**

The Project title as “**RESUME BUILDER APPLICATION”** is a web-based Application

aimed for managing the information educational, personal details of persons & professional details of freshers as well as experienced employees of Noble Organization.

**1.1** **Project Overview**

This project **“RESUME BUILDER** **APPLICATION”**

is developed for the benefit of the users for providing the precise and correct information like number of resume formats, educational details, personals details applying for jobs etc.

**The project is divided into four modules, they are:**

**1.Resume Preparation**

2.**Resume types**

**3.Reports**

**Resume preparation:**

This module is used by the existing and registered users to prepare their resumes in proper format and retrieve the resume details

**Resume types:**

This module is used by the existing users to directly print the give format of resume.

**Reports:**

This module is used by any higher management to search students based on their skills.

**Major features of the Resume Builders:**

~Builds professional resumes in seconds

~Saves the User’s information

~Allows the user to save their resumes as a pdf

**1.2 OVERALL DESCRIPTION**

**1.2.1 Product Perspective:**

In CV application you can provide or give input of all required details and be able to generate a CV easily.

Projects displaying your proven expertise help the potential employer to make an easy decision for hiring**.**

This module is used by the existing users to directly print the give format of resume.

**1.2.2 Product Functions**:

Students who can view their details as well as they can edit their details.

**The features that are available in CV Builder:**

~ Easy to the user interface

~ Highly customizable

~ Easy to download

~ Word format

~ PDF format

~ Add New Buttons

**1.2.3 USER CLASSES AND CHARACTERISTICS**

There are mainly two kinds of users for the products.

The users include:

Student

Employer

**1.2.4 OPERATING ENVIRONMENT**:

The product can run perfectly on Google chrome browser.

**1.2.5 CONSTRAINTS**

1. Every user must be comfortable using computer.

2. A user does not need to worry about design as it already provide by the templates.

**Chapter 2: TECHNOLOGIES**

**2.0 TECHNOLOGIES**:

1. HTML

* HTML stands for Hyper Text Markup Language
* HTML is the standard markup language for creating Web pages
* HTML describes the structure of a Web page
* HTML consists of a series of elements

2. CSS

* CSS stands for Cascading Style Sheets
* CSS describes how HTML elements are to be displayed on screen, paper, or in other media

3. JavaScript

We will use Javascript for event listeners to change the interface of an infographic resume in real time.

4. Visual Studio Code

Visual Studio Code combines the simplicity of a source code editor with powerful developer tooling, like IntelliSense code completion and debugging.

**2.1 Scope**

To create a system/webpage with an easy-to-use interface for the user or client.

In CV application you can provide or give input of all required details and be able to generate a CV easily.

Projects displaying your proven expertise help the potential employer to make an easy decision for hiring.

A user does not need to worry about design as it already provide by the templates.

Generate CV will be clean and display every important and necessary information about yourself.

**CHAPTER 3: REQUIREMENTS**

**3.1 FUNCTIONAL REQUIREMENTS**

**CRITICAL**

• The system will allow for users to enter or upload personal data.

• The system will allow for users to update their profile information.

• The system will generate a complete resume after the user inputs information and chooses templates.

• The system will store the user’s information.

RECOMMENDED

• The system will helps you to create a resume in easy way.

• The system will allow users to modify resume styling.

**SUGGESTED**

• The system will have a read-only portal for employers to see a user’s online resume.

**3.2. NON-FUNCTIONAL REQUIREMENTS CRITICAL**

• The system will be reliable.

• The system will be secure.

• The system will be accessible.

• The system will be user-friendly.

RECOMMENDED

• The system will be visually pleasing.

• The system will be responsive.

SUGGESTED

• The system will be well-documented.

**3.3. DESIGN CONSTRAINTS**

CRITICAL

• The system will work on all browsers.

• The system will be a web application.

RECOMMENDED

• The system will produce a resume that will fit onto a single page.

SUGGESTED

• The system will be mobile-friendly.

**3.4 Software Requirement**

Operating System : Windows 2000/xp-sp

Back-End : ORACLE9i

Front-End : JSP

Browser : IE 7

**3.5 Hardware Requirement**

CPU : Pentium 4,1.7 GHZ

RAM : 512MB

Hard disc : 80GB

**CHAPTER 4 - USE CASES**

Use Cases demonstrate the possible actions a user can take. The listed narratives on the following pages go into greater detail regarding the goals of each action as well as any exceptions to these actions that may occur.

**Diagram

Description automatically generated**

1.FILL OUT PROFILE INFORMATION

• Goal: To help the system create infographic resumes that displays the user’s personality and professional interests.

• Actor: User

2. ENTER RESUME DETAILS

• Goal: To have up to date information that reflects the user’s account information, contact details, and resume details.

• Actor: User

3. GIVENTEMPLATES

• Goal: To utilize templates that attest to the user’s personality and career preferences.

• Actor: User

4. FURTHER EDIT STYLING OR CONTENT

• Goal: To modify resumes in the user profile with different visuals, colors, and featured content.

• Actor: User

5. SAVE RESUMES

• Goal: To have saved resumes that the user can access whenever they log into the system

• Actor: User

6.PRINT RESUMES

• Goal: To have a physical or PDF infographic resume that is ready to be sent to employers.

• Actor: User.

7. MODIFY ACCOUNT DETAILS

• Goal: To update the user’s resume information and objectives.

• Actor: User

**CHAPTER 5 – PROTOTYPE**

The user can scroll through the home page to learn more about the resume designer, how it works, and to see sample resumes built by the system.

our system will be in the resume editing window, which allows for users to select what information they want to feature as well as how they want that information to be displayed.

~User can:

~Input and their information

~Edit any information on a generated resume

~ Save generated resumes as pdf.

**RESUME BUILDER**



**CHAPTER 6: SOURCE CODE AND SNAPSHOT**

**6.1Summary**

To create a system/webpage with an easy-to-use interface for the user or client.

In CV application you can provide or give input of all required details and be able to generate a CV easily. Projects displaying your proven expertise help the potential employer to make an easy decision for hiring. It will be laid out in a simple format in order to allow the user to navigate the website easily and efficiently. The website first displays an overview of the necessary steps to be followed in order to build a successful and alluring infographic resume. This will help the user gain a full understanding of the website’s functions The implementation of this website on the front end is programmed using the HTML, CSS, JavaScript. Students can apply for the resume and to get the details and to print the resumes in proper format

**6.2 Source code and Screenshot**

1 . Index.HTML

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

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

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-gH2yIJqKdNHPEq0n4Mqa/HGKIhSkIHeL5AyhkYV8i59U5AR6csBvApHHNl/vI1Bx" crossorigin="anonymous">

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

    <title>Resume Generator</title>

</head>

<body>

    <!--HTML code start from here-->

    <div class="container" id="CV-form">

    <h1 class="text-center my-2">Resume Generator</h1>

    <p class="text-center">Create By Aditya Kant Verma</p>

    <div class="row">

        <div class="col-md-6">

<!--first col-->

<h4>Personal Information</h4>

<div class="form-group">

    <label for="nameField">Your Name</label>

    <input

    type="text"

    id="nameField"

    placeholder="Enter here"

    class="form-control"

    />

</div>

<div class="form-group mt-2">

    <label for="contactField">Your Contact Number</label>

    <input

    type="text"

    id="contactField"

    placeholder="Enter here"

    class="form-control"

    />

</div>

<div class="form-group mt-2">

    <label for="addressField">Your Address</label>

    <textarea

    id="addressField"

    placeholder="Enter here"

    class="form-control"

    rows="5"

    ></textarea>

</div>

<div class="form-group mt-3">

<label for="">Select your photo</label>

    <input id="imgField" type="file" class="form-control">

</div>

<p class="text-secondary my-4">Important Links</p>

<div class="form-group mt-3">

    <label for="gmailField">Gmail</label>

    <input

    type="text"

    id="gmailField"

    placeholder="Enter here"

    class="form-control"

    />

</div>

<div class="form-group mt-3">

    <label for="gitField">Github</label>

    <input

    type="text"

    id="gitField"

    placeholder="Enter here"

    class="form-control"

    />

</div>

<div class="form-group mt-3">

    <label for="fbField">Facebook</label>

    <input

    type="text"

    id="fbField"

    placeholder="Enter here"

    class="form-control"

    />

</div>

<div class="form-group mt-3">

    <label for="linkedField">LinkedIn</label>

    <input

    type="text"

    id="linkedField"

    placeholder="Enter here"

    class="form-control"

    />

</div>

<div class="form-group mt-3">

    <label for="instaField">Instagram</label>

    <input

    type="text"

    id="instaField"

    placeholder="Enter here"

    class="form-control"

    />

</div>

        </div>

        <div class="col-md-6">

            <!--second col-->

            <h3>Professional Information</h3>

            <div class="form-group mt-2">

                <label for="">Objective</label>

                <textarea

                id="objectiveField"

                placeholder="Enter here"

                rows="4"

                class="form-control weField"

                ></textarea>

            </div>

            <div class="form-group mt-2" id="we">

                <label for="">Work Experience</label>

               <textarea

                placeholder="Enter here"

                class="form-control weField"

                rows="3"

               ></textarea>

               <!--new textarea-->

            <div class="container test-center mt-2" id="weAddButton">

                <button onclick="addNewWEField()" class="btn btn-primary btn-sm">Add</button>

            </div>

        </div>

        <div class="form-group mt-3" id="aq">

            <label for="">Academic Qualification</label>

           <textarea

            placeholder="Enter here"

            class="form-control aqField"

            rows="3"

           ></textarea>

        <div class="container test-center mt-2 aqAddButton" id="aqAddButton">

            <button onclick="addNewAQField()" class="btn btn-primary btn-sm">Add</button>

        </div>

    </div>

    <div class="form-group mt-3" id="sl">

        <label for="">Skills</label>

       <textarea

        placeholder="Enter here"

        class="form-control slField"

        rows="3"

       ></textarea>

    <div class="container test-center mt-2 slAddButton" id="slAddButton">

        <button onclick="addNewSLField()" class="btn btn-primary btn-sm">Add</button>

    </div>

</div>

 </div>

    </div>

    <div class="container text-center mt-3">

        <button onclick="generateCV()" class="btn btn-primary btn-lg">

            Generate CV

        </button>

    </div>

    </div>

<!-- cv template-->

<div class="container" id="cv-template">

    <div class="row">

        <div class="col-md-4  text-center py-5 background">

            <!--first col-->

            <img

            src="https://t3.ftcdn.net/jpg/03/46/83/96/360\_F\_346839683\_6nAPzbhpSkIpb8pmAwufkC7c5eD7wYws.jpg"

            alt=""

            class="img-fluid myimg"

            id="imgTemplate"

            />

            <div class="container">

                <p id="nameT1">Name</p>

                <p id="contactT2">+919123227354,+919234657898</p>

                <p id="addressT">Aari Bari Sector 94 Khojne Pe Milenge , INDIA 765432

                </p>

                <hr />

                <p>

                    <a id="gmailT" href="#1">shubhamchoudhary1701@gmail.com</a>

                </p>

                <p>

                    <a id="linkedT" href="#1">https://www.Linkedin.com</a>

                </p>

                <p>

                    <a id="instaT" href="#2">https://www.Instagram.com</a>

                </p>

                <p>

                    <a id="fbT" href="#3">https://www.Facebook.com</a>

                </p>

                <p>

                    <a id="gitT" href="#3">https://www.Github.com</a>

                </p>

            </div>

        </div>

        <div class="col-md-8 py-5">

            <!--second col-->

            <h1 id="nameT2" class="text-center"  style="font-weight: 980">

                Name

            </h1>

            <!-- Objective Card-->

            <div class="card mt-4">

                <div class="card-header background">

                    <h3>Objective</h3>

                </div>

                <div class="card-body">

                    <p id="objectiveT">

                       Hacathons

                       Scholarship

                    </p>

                </div>

            </div>

            <!--Work Experience-->

            <div class="card mt-4">

                <div class="card-header background">

                    <h3>Work Experience</h3>

                </div>

                <div class="card-body">

                    <ul id="weT">

                        <li>

                           software developer intern

                        </li>

                        <li>

                          software engineer intern

                        </li>

                        <li>

                            Google summer of code

                        </li>

                        <li>Lorem ipsum dolor sit amet consectetur adipisicing elit. Consequuntur, quas?

                        </li>

                    </ul>

                </div>

            </div>

            <!-- academic Qualification-->

            <div class="card mt-4">

                <div class="card-header background">

                    <h3>Academic Qualification</h3>

                </div>

                <div class="card-body">

                    <ul id="aqT">

                        <li>sathyabama institute of science and technology

                        </li>

                        <li>public central school

                        </li>

                        <li>Lorem ipsum dolor sit amet consectetur adipisicing elit.  odit, ad.

                        </li>

                        <li>Lorem ipsum dolor sit amet consectetur adipisicing elit.  odit, ad.

                        </li>

                    </ul>

                    </div>

                </div>

                <!--Skills-->

                <div class="card mt-4">

                    <div class="card-header background">

                        <h3>Skills</h3>

                    </div>

                    <div class="card-body">

                        <ul id="slT">

                            <li>

                            Language: java,c++,HTML/CSS

                            </li>

                            <li>

                                Platform: linux, AWS

                            </li>

                            <li>

                                Tools: Git, Github actions

                            </li>

                            <li>

                                Libraries and Framework: React,Flask,NodeJs

                            </li>

                        </ul>

                        </div>

                    </div>

                <div class="container mt-3 text-center">

                    <button onclick="printCV()" class="btn background">

                        print CV

                    </button>

            </div>

        </div>

    </div>

</div>

    <script

    src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/js/bootstrap.min.js"

    integrity="sha384-ODmDIVzN+pFdexxHEHFBQH3/9/vQ9uori45z4JjnFsRydbmQbmL5t1tQ0culUzyK"

    crossorigin="anonymous"

    ></script>

    <script src="script.js"></script>

</body>

</html>

2.Script.js

function addNewWEField(){

   //console.log("Adding new field");

   let newNode=document.createElement("textarea");

   newNode.classList.add("form-control");

   newNode.classList.add("weField");

   newNode.classList.add("mt-2");

   newNode.setAttribute("rows", 3);

   newNode.setAttribute("placeholder", "Enter here");

   let weOb = document.getElementById("we");

   let weAddButtonOb = document.getElementById("weAddButton");

   weOb.insertBefore(newNode,weAddButtonOb);

}

function addNewAQField() {

    let newNode=document.createElement("textarea");

   newNode.classList.add("form-control");

   newNode.classList.add("aqField");

   newNode.classList.add("mt-2");

   newNode.setAttribute("rows", 3);

   newNode.setAttribute("placeholder", "Enter here");

   let aqOb = document.getElementById("aq");

   let aqAddButtonOb = document.getElementById("aqAddButton");

   aqOb.insertBefore(newNode,aqAddButtonOb);

}

function addNewSLField(){

let newNode=document.createElement("textarea");

   newNode.classList.add("form-control");

   newNode.classList.add("slField");

   newNode.classList.add("mt-2");

   newNode.setAttribute("rows", 3);

   newNode.setAttribute("placeholder", "Enter here");

   let slOb = document.getElementById("sl");

   let slAddButtonOb = document.getElementById("slAddButton");

   slOb.insertBefore(newNode,slAddButtonOb);

}

//generating CV

function generateCV(){

    //console.log("generating CV");

    let nameField = document.getElementById("nameField").value;

    let nameT1 = document.getElementById("nameT1");

    nameT1.innerHTML = nameField;

    //direct

    document.getElementById("nameT2").innerHTML = nameField;

    //contact

    document.getElementById("contactT2").innerHTML = document.getElementById("contactField").value;

    //address

    document.getElementById("addressT").innerHTML = document.getElementById("addressField").value;

//Gmail

    document.getElementById("gmailT").innerHTML = document.getElementById("gmailField").value;

//Github

    document.getElementById("gitT").innerHTML = document.getElementById("gitField").value;

//Facebook

    document.getElementById("fbT").innerHTML = document.getElementById("fbField").value;

//linkedin

    document.getElementById("linkedT").innerHTML = document.getElementById("linkedField").value;

//instagram

    document.getElementById("instaT").innerHTML = document.getElementById("instaField").value;

    //Objective

    document.getElementById("objectiveT").innerHTML = document.getElementById("objectiveField").value;

    //work experience

    let wes=document.getElementsByClassName("weField");

    let str= "";

    for (let e of wes)  {

      str = str + `<li> ${e.value} </li>`;

    }

    document.getElementById("weT").innerHTML = str;

    //aq

    let aqs=document.getElementsByClassName("aqField");

    let str1= "";

    for (let e of aqs) {

        str1 += `<li> ${e.value} </li>`;

    }

    document.getElementById("aqT").innerHTML = str1;

     //SKILL

     let sls=document.getElementsByClassName("slField");

     let str2= "";

     for (let e of sls) {

         str2 += `<li> ${e.value} </li>`;

     }

     document.getElementById("slT").innerHTML = str2;

     //code for setting image

     let file = document.getElementById("imgField").files[0];

     console.log(file);

     let reader = new FileReader();

     reader.readAsDataURL(file);

     console.log(reader.result);

     //set the image to template

     reader.onloadend = function() {

     document.getElementById("imgTemplate").src = reader.result;

     };

     document.getElementById("CV-form").style.display ="none";

     document.getElementById("CV-template").style.display ="block";

}

//print CV

function printCV()

{

    window.print();

}

3.Css

body {

    background-color: rgb(50, 192, 142);

}

#CV-form{

    /\*display: none;\*/

}

#CV-template{

    display: none;

}

.myimg {

    border-radius: 50%;

    width: 200px;

}

.background {

    background-color: aquamarine;

}

**OUTPUT:**

# Graphical user interface, application, website Description automatically generated

fig.1 Here user can give all the data.

# Graphical user interface, application Description automatically generated

Fig.2 After giving all the information user can click print cv button.

# 3.Output

# Graphical user interface, application, website Description automatically generated

# Graphical user interface, application Description automatically generated

# After Click On CV Button Our Page Look Like This

# Graphical user interface, text, application Description automatically generated

# Click on Save Button and your resume will be download in your device

# Graphical user interface, application Description automatically generated

# Graphical user interface, application Description automatically generated

# CHAPTER 7 - FUTURE FEATURES

# Our future features will include a larger gallery of graphics and templates, so that users can effortlessly design resumes that match the different format criteria for various occupations. Also, there will be an option to customize a resume without any layout to allow for complete user control. Due to the added options for resumes, we will also need to build a system to save and create new resumes, and edit or remove existing resumes. In addition, we would like to add a read-only portal for employers, so that users can supply a link to their online resume for employers to interact with.

# CHAPTER 8 – CONCLUSION

# RESUME BUILDER APPLICATION can be used for fresher and experienced candidates. Students can apply for the resume and to get the details and to print the resumes in proper format

# This Online resume builder is designed to help the job seekers to creates a professional resume for them. The candidates are not required to spend more time designing and creating professional cv. They can enter their details directly into the pop-up box and their resume will be created automatically. A well-structured resume will be generated, once the user submits his/her details and user can download it in any file format, as per his/her requirement.

# REFERENCES

# From some websites..