



NITTE
EDUCATION TRUST

N.M.A.M. INSTITUTE OF TECHNOLOGY

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(ISO 9001:2015 Certified), Accredited with 'A' Grade by NAAC

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Department of Computer Science and Engineering

B.E. CSE Program Accredited by NBA, New Delhi from 1-7-2018 to 30-6-2021

Report on Mini Project

Resume Builder (Resume Chef)

Course Code: 18CSE41

Course Name: Web Programming

Semester: V SEM

Section: D

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ABSTRACT

Since every category of jobs is having fiercer competition day to day, having a great resume in hand is very much important. To build a Resume Building website, several technologies play a role in collecting the data, storing them, and displaying them as intended. In this project, we have used HTML along with PHP and JavaScript on the front-end to retrieve data from the user and send it to the information storing facility and Database management using MySQL and PHP at the back-end for storing and fetching information. Also, we have used CSS for styling the Web Pages and JavaScript to convert the Resume to a PDF format.

Pg.No:TABLE OF CONTENTS

Title Page	Pg.No:i
Abstract.....	Pg.No:ii
Table of Contents	Pg.No:iii
Introduction	Pg.No:V
Problem Statement.....	Pg.No:V
Objectives	Pg.No:V
Literature Review.....	Pg.No:VI
ER Diagram.....	Pg.No:VI
Use Case Diagram.....	Pg.No:VII
Methodology	Pg.No:VII
Implementation Details	Pg.No:VIII
Results	Pg.No:XIII
Conclusion and Future Scope.....	Pg.No:XIII
References	Pg.No:XIII

PROBLEM STATEMENT

Building a Resume Builder website that asks the user for his details and on providing them displays a beautiful resume which is ready for an interview.

INTRODUCTION

In today's world, to get any job, we have to undergo the tiresome process of an interview. An interview is where you are tested for your skill and expertise so that the employer can decide whether you are suited for the job at hand. During all these processes, having a great first impression is the one that gives you a bonus factor for successful recruitment during the initial stages of the interview process. The first impression maker is your resume as that sheet of details about you decides whether you are worthy of being shortlisted for the upcoming rounds. So, a well-defined competitive resume is what you need to spark up your success story.

OBJECTIVES

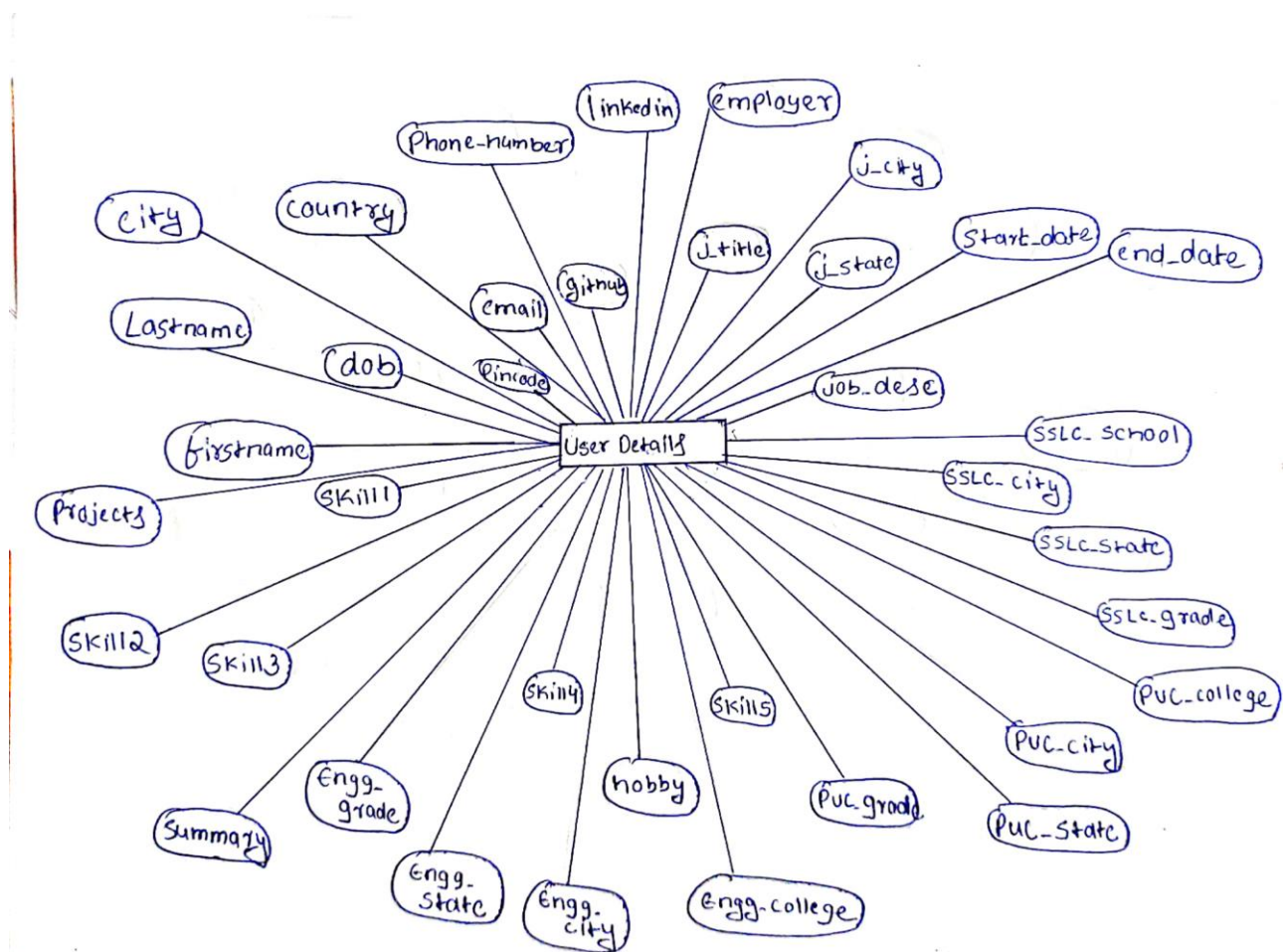
- Implementing a Resume Building Website.
- Allow users to enter their detail following certain guidelines. Details include data about their area of stay, job experiences, education history, their skill set etc.
- On retrieval of all the required information, produce a resume consisting of the details given by the user in well-organized form.

LITERATURE REVIEW

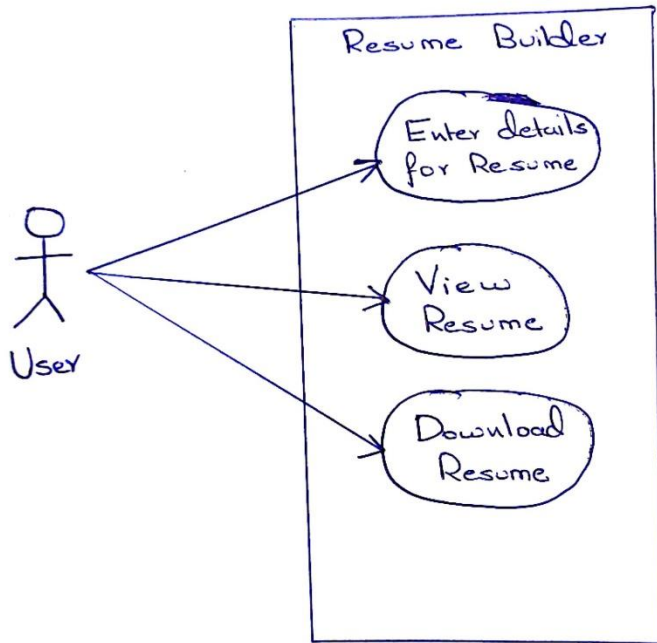
1.The Resume Research Literature: Where Have We Been and Where Should We Go Next? - Stephen D. Risavy

This case study is based on how the format of a resume changed with time and how to meet the current industry standards. The author acknowledges that the resume is the first impression maker. The author explains what details are crucial for producing a resume such as personal information, job objective, awards, and honors, etc. The author recommends limiting the resume page size to two at max. Resume order is a crucial factor as well. Starting with personal information, followed by education, experience, and then references is preferred. The author also mentioned that having the resume in colored form ranked higher than the "creative" format. He also mentions that details must be provided in a short and bullet point form and long paragraphs must be unpracticed.

ER DIAGRAM



USE-CASE DIAGRAM



METHODOLOGY

System Requirements

You need Xampp software to have a database hosted on your local system.

<https://www.apachefriends.org/download.html>.

You need a browser and the Web Page Files containing the Resume Builder Website.

Methods used

For building this website, we used HTML as the front-end software accompanied by PHP and JavaScript for creating a GUI where the user can enter details and for dynamically creating form details on demand. Since we are dealing with information retrieval, we chose MySQL along with PHP to store the retrieved data onto the database so that the stored data can be used for attaching the information along with the resume template at the final stage. Using CSS, we have designed the webpages and JavaScript code is used to convert the HTML format Resume into a PDF format Resume.

Technology used

- HTML
- CSS
- JavaScript
- PHP
- Relational Database Management System.

IMPLEMENTATION

We decided to go with a single table to store the detail since no queries for a subset of the table is processed and we have considered the phone number of the user to be the primary key for the table.

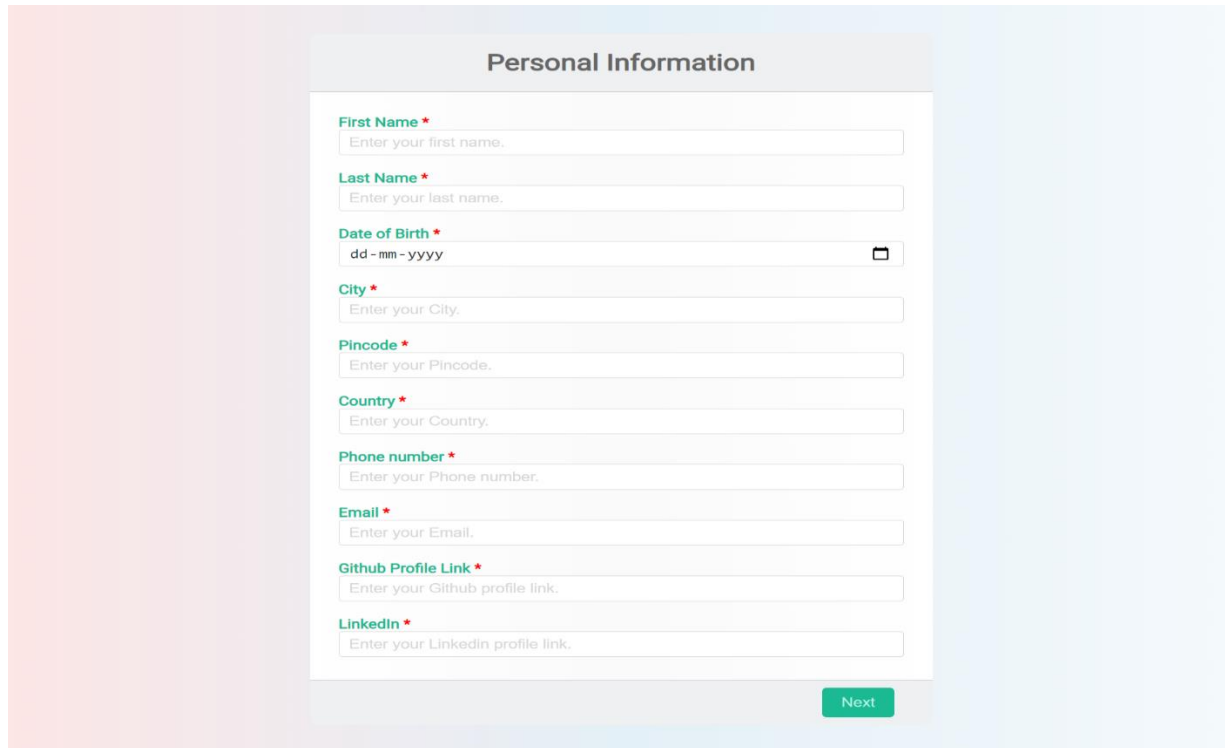
Get Started

The user meets the Get Started Page first in this project where the user can find the “get started” button on clicking which they can start building their Resume.



Personal Information Page

We start off the website with a Personal Information page where the user has to enter his personal information as shown in the image below



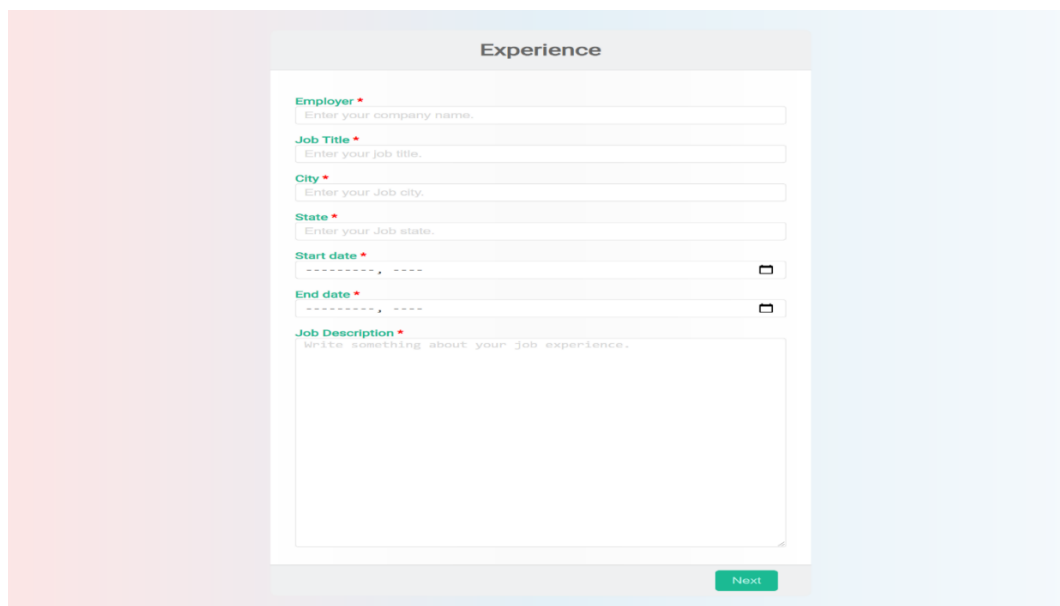
The screenshot shows a web form titled "Personal Information" with a light gray header. The form is set against a background with a light blue gradient on the right and a light pink gradient on the left. The form fields are as follows:

- First Name ***: Text input with placeholder "Enter your first name."
- Last Name ***: Text input with placeholder "Enter your last name."
- Date of Birth ***: Date picker with placeholder "dd-mm-yyyy" and a calendar icon.
- City ***: Text input with placeholder "Enter your City."
- Pincode ***: Text input with placeholder "Enter your Pincode."
- Country ***: Text input with placeholder "Enter your Country."
- Phone number ***: Text input with placeholder "Enter your Phone number."
- Email ***: Text input with placeholder "Enter your Email."
- Github Profile Link ***: Text input with placeholder "Enter your Github profile link."
- LinkedIn ***: Text input with placeholder "Enter your LinkedIn profile link."

A green "Next" button is located at the bottom right of the form.

Experience Page

On clicking the next button on the Personal Information page, we are directed to the Experience Page where the user is asked to enter his previous job details.



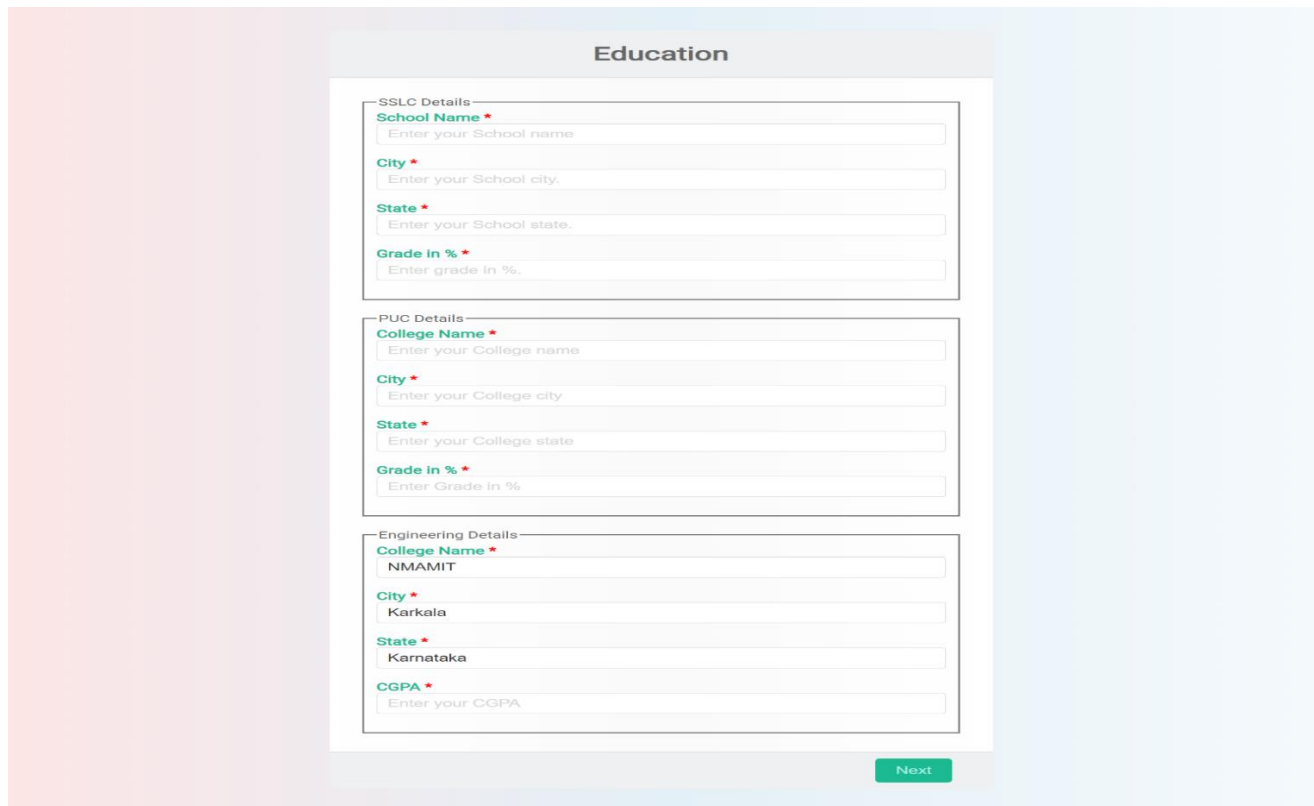
The screenshot shows a web form titled "Experience" with a light gray header. The form is set against the same background as the previous page. The form fields are as follows:

- Employer ***: Text input with placeholder "Enter your company name."
- Job Title ***: Text input with placeholder "Enter your job title."
- City ***: Text input with placeholder "Enter your Job city."
- State ***: Text input with placeholder "Enter your Job state."
- Start date ***: Date picker with placeholder "-----, ----" and a calendar icon.
- End date ***: Date picker with placeholder "-----, ----" and a calendar icon.
- Job Description ***: Text area with placeholder "Write something about your job experience."

A green "Next" button is located at the bottom right of the form.

Education Page

In this page, we ask the user to enter their Education details which will consist of their high school, pre-university and degree college details.

A screenshot of the 'Education' form. The form is titled 'Education' and is divided into three sections: 'SSLC Details', 'PUC Details', and 'Engineering Details'. Each section contains four input fields: 'School Name', 'City', 'State', and 'Grade in %' for SSLC; 'College Name', 'City', 'State', and 'Grade in %' for PUC; and 'College Name', 'City', 'State', and 'CGPA' for Engineering. The 'Engineering Details' section is pre-filled with 'NMAMIT', 'Karkala', and 'Karnataka'. A 'Next' button is located at the bottom right of the form.

Education

SSLC Details

School Name *
Enter your School name

City *
Enter your School city.

State *
Enter your School state.

Grade in % *
Enter grade in %.

PUC Details

College Name *
Enter your College name

City *
Enter your College city.

State *
Enter your College state

Grade in % *
Enter Grade in %

Engineering Details

College Name *
NMAMIT

City *
Karkala

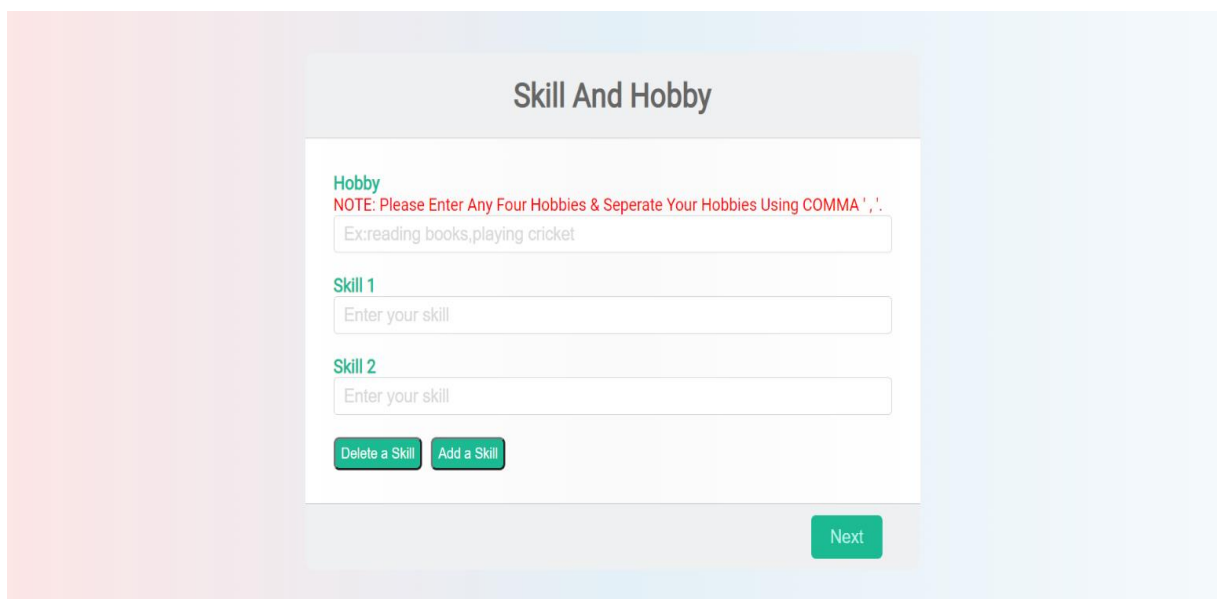
State *
Karnataka

CGPA *
Enter your CGPA

Next

Skill and Hobby Page

In this page, we ask the user for their hobby and skills. We can dynamically create or delete multiple skill input area as per demand.

A screenshot of the 'Skill And Hobby' form. The form is titled 'Skill And Hobby' and contains a 'Hobby' section with a note and an example, and two 'Skill' sections. The 'Hobby' section has a note: 'NOTE: Please Enter Any Four Hobbies & Seperate Your Hobbies Using COMMA ', ' '. The example text is 'Ex:reading books,playing cricket'. The 'Skill 1' and 'Skill 2' sections each have an input field. At the bottom, there are two buttons: 'Delete a Skill' and 'Add a Skill'. A 'Next' button is located at the bottom right of the form.

Skill And Hobby

Hobby

NOTE: Please Enter Any Four Hobbies & Seperate Your Hobbies Using COMMA ', '.

Ex:reading books,playing cricket

Skill 1

Enter your skill

Skill 2

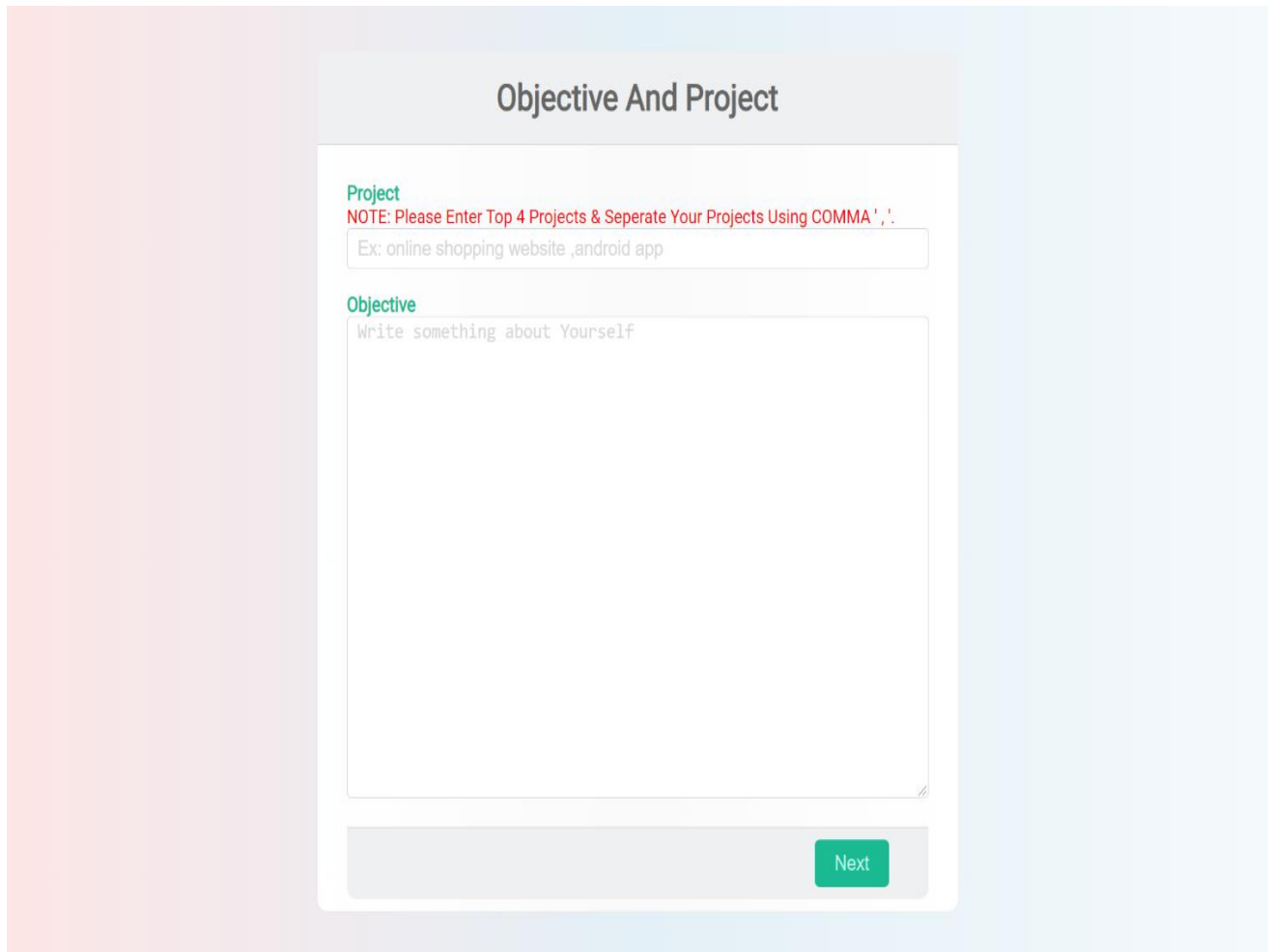
Enter your skill

Delete a Skill Add a Skill

Next

Objective and Project

In this page, we ask the user for his Objective as to why they wish to join the so and so organization and we also ask the user to mention any projects that they have completed.



The screenshot shows a web form titled "Objective And Project". It has two main input sections. The first is labeled "Project" in green text, followed by a red note: "NOTE: Please Enter Top 4 Projects & Seperate Your Projects Using COMMA ','.". Below this is a text input field with the placeholder text "Ex: online shopping website ,android app". The second section is labeled "Objective" in green text, followed by a text area with the placeholder text "Write something about Yourself". At the bottom right of the form is a green "Next" button.

Resume Page

Finally, the user is shown the resume with their details organized in a professional manner. There is a “Generate PDF” button at the bottom which when clicked downloads the PDF containing the Resume. You can also choose colors from the color dropdown box for your resume to suit your taste.

Choose Color



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SKILLS

Java

Web Development

AI

Graphic Design

BlockChain

SOCIAL

Github

sumanmanoharshettigar@gmail.com

Linkedin

sumanmanoharshettigar@gmail.com

HOBBY

Reading Books

Playing Video Games

Listening to Music

OBJECTIVE

Lorem Ipsum

WORK EXPERIENCE

2018-01 to 2020-12

Oracle, BackEnd Developer

Surathkal,Maharastra

Lorem ipsum

EDUCATION

ENGINEERING

NMAMIT

Karkala

Karnataka

9.78

PUC

Expert PU College

Mangalore

Karnataka

99.54

SSLC

NITK English Medium School

Surathkal

Karnataka

90.43

PROJECTS

Face Recognition

Car Automation

AI Project

Generate PDF

RESULT

At the end, we are displayed by a beautiful, interview-ready Resume with all the details unaltered and organized in a professional manner.

CONCLUSION AND FUTURE SCOPE

The Aim of the Project has been successfully achieved which is to produce a beautiful, professional, and interview-ready Resume. In the future, we see our website providing a wide range of options of Resume Template for our users to choose from and include additional components and features as time and global job standards demand.

REFERENCES

- ❖ <https://www.w3schools.com>
- ❖ <https://stackoverflow.com/>
- ❖ <https://www.freecodecamp.org/>
- ❖ <https://www.javatpoint.com/>

