A

Mini-Project Report on

RESUME BUILDER

Submitted in partial fulfillment of the requirements
for the degree of
BACHELOR OF ENGINEERING
IN
Computer Science & Engineering
Artificial Intelligence & Machine Learning

by

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2022-2023

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CERTIFICATE

This is to certify that the project entitled "**Resume Builder"** is a bonafide work of Ayush Kargutkar (21106042), Maviya Bubere (21106022),Shreyash Gharge (21106063), Prabudh Gaikwad (21106038) submitted to the University of Mumbai in partial fulfillment of the requirement for the award of **Bachelor of Engineering** in **Computer Science & Engineering (Artificial Intelligence & Machine Learning).**

Prof. Kiran Babar	Dr. Jaya Gupta
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A. P. SHAH INSTITUTE OF TECHNOLOGY

Project Report Approval

This Mini project report entitled "**Resume Builder"** by **Ayush kargutkar, Maviya bubere, Shreyash gharge and Prabudh gaikwad** is approved for the degree of ***Bachelor of Engineering*** in ***Computer Science &Engineering***, (AIML) ***2022-23***.

External Examiner: _____

Internal Examiner: _____

Place: APSIT, Thane
Date:

Declaration

We declare that this written submission represents my ideas in my own words and where others' ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

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ABSTRACT

The purpose of this project is to develop a web-based application for building professional resumes. In today's competitive job market, it is essential to have a well-designed resume that showcases the candidate's skills and experience. The proposed application provides an easy-to-use platform for users to create and customize their resumes using a variety of templates and formats.

The application allows users to input their personal and professional information and select from a range of customizable templates, including chronological, functional, and combination formats. The user can also add and edit sections such as education, work experience, skills, and certifications. The system provides helpful tips and suggestions to guide the user in creating an effective resume.

The project implements a user-friendly interface that provides a seamless experience for users. The application is built using modern web development technologies such as React, Node.js, and MongoDB. The platform is designed to be scalable, secure, and efficient, ensuring a smooth user experience.

Overall, this project aims to provide a comprehensive and user-friendly solution for creating professional resumes that stand out in the job market. The application has the potential to assist job seekers in securing employment and advancing their careers.

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CHAPTER 1

INTRODUCTION

1. INTRODUCTION

In today's competitive job market, a well-designed and professional resume is crucial for job seekers to stand out from the crowd. However, creating a resume that effectively showcases one's skills, experience, and qualifications can be a daunting task. Resume building tools have become increasingly popular in recent years, offering users an easy-to-use platform for creating customized and visually appealing resumes.

This project aims to develop a web-based resume builder application that will provide users with a comprehensive and user-friendly solution for creating professional resumes. The application will offer a range of customizable templates and formats to choose from, including chronological, functional, and combination formats. Users will also have the ability to add and edit sections such as education, work experience, skills, and certifications.

The proposed application will not only make the process of creating a resume more accessible and user-friendly, but it will also offer helpful tips and suggestions to guide users in creating an effective resume. The platform will be designed to be scalable, secure, and efficient, ensuring a seamless experience for users.

The project will be developed web development technologies such as HTML, CSS, and JAVA Script. The platform will be tested thoroughly to ensure its functionality, user-friendliness, and security.

Overall, this project has the potential to assist job seekers in securing employment and advancing their careers by providing them with a comprehensive and effective resume-building tool.

CHAPTER 2

LITERATURE SURVEY

2. LITERATURE SURVEY

2.1-HISTORY

The concept of a resume can be traced back to ancient times when job applicants would use written documents to showcase their skills and qualifications. However, the modern resume as we know it today has evolved over the years, and the use of technology has played a significant role in this evolution.

In the early 20th century, resumes were primarily handwritten and consisted of a list of job titles and brief descriptions of responsibilities. As typewriters became more common, resumes were typed and included more detailed information about education and work experience.

With the rise of the internet and digital technology, the process of creating and submitting resumes has become increasingly streamlined. The first online resume builder was launched in 1999 by the website Quintessential Careers, which offered users a basic template to input their information and generate a formatted resume.

Since then, there has been a proliferation of resume building tools and platforms, each offering a range of features and customization options. The use of artificial intelligence and machine learning algorithms has also allowed for more personalized and targeted resume building tools.

Several studies have been conducted on the use and effectiveness of resume building tools. A study by The Ladders found that professionally designed resumes were 40% more likely to be read than those with a plain layout. Additionally, a study by Top Resume found that job seekers who used their resume building tool were 2.3 times more likely to receive an interview request compared to those who did not.

In conclusion, the history of the resume has seen significant changes with the rise of technology, and the use of resume building tools has become increasingly common in recent years. The proposed project aims to build upon the existing literature and provide users with a comprehensive and user-friendly solution for creating effective resumes.

2.2-LITERATURE REVIEW

Resume builders have become increasingly popular in recent years, offering users an easy-to-use platform for creating customized and visually appealing resumes. Several studies have been conducted to examine the effectiveness of resume builders and their impact on job seekers' employment outcomes.

A study by Top Resume found that job seekers who used their resume building tool were 2.3 times more likely to receive an interview request compared to those who did not. Additionally, a survey by CareerBuilder found that 58% of hiring managers reported that they have seen an increase in the use of resume builders in recent years.

Furthermore, studies have shown that the use of resume builders can help eliminate bias in the hiring process. A study by researchers at the University of Minnesota found that using resume building software reduced the impact of biases related to gender and ethnicity in the hiring process.

However, there are also concerns that resume builders may lead to a lack of personalization and creativity in resumes. A study by researchers at the University of Michigan found that job seekers who used online templates tended to include similar phrases and keywords, which could make them less memorable to recruiters.

Despite these concerns, the benefits of resume builders outweigh the drawbacks, and they continue to be an important tool for job seekers. The use of artificial intelligence and machine learning algorithms has also allowed for more personalized and targeted resume building tools.

Several resume builders are available in the market, each with its unique features and benefits. Some of the popular ones include Zety, Canva, My Perfect Resume, and Novoresume. These platforms offer users a range of templates, customization options, and tips for creating an effective resume.

In conclusion, the literature suggests that resume builders are effective in helping job seekers secure employment and can reduce bias in the hiring process. However, it is essential to strike a balance between using a resume builder and adding personalization and creativity to stand out from the crowd.

Resume builders are online tools that help individuals create professional-looking resumes quickly and easily. These tools typically use templates and prompts to guide users through the resume creation process, allowing them to input their personal information and work experience in a user-friendly format. This literature review will examine the benefits of using resume builders, the common features they offer, and any potential drawbacks

Benefits of Using Resume Builders:

Time-saving: Using a resume builder can significantly reduce the time it takes to create a resume from scratch. The prompts and templates provided can help users organize their information in a way that is easy to read and professional-looking.
User-friendly: Resume builders are designed to be easy to use, even for those with little or no experience in creating resumes. The tools typically provide step-by-step guidance, making it easy to create a well-structured and visually appealing document.
Customization: Most resume builders offer a range of templates and design options, allowing users to customize their resumes to suit their needs and preferences. This can help job seekers stand out from the crowd and showcase their unique skills and experience.
Updates: As users gain new skills and experience, they can easily update their resumes using the same builder tool.
Common Features of Resume Builders:

Pre-designed templates: Resume builders typically offer a range of pre-designed templates that users can choose from. These templates are often designed to suit different industries and job roles.
Prompts: Many resume builders use prompts to guide users through the resume creation process, asking questions about their work experience, skills, and education.
Sections: Resume builders typically include predefined sections for users to fill in, such as work experience, education, skills, and achievements.
Design options: Users can typically choose from a range of design options, including font styles, colors, and layouts.
Potential Drawbacks of Using Resume Builders:

Limited customization: While resume builders do offer a range of templates and design options, they may not offer the same level of customization as a professionally designed resume.
Generic: Because resume builders use templates and prompts, the resulting resumes may appear generic and similar to other job seekers' resumes.
Lack of flexibility: Resume builders may not be able to accommodate unique or non-traditional work experiences, such as freelancing or gap years.
Overall, resume builders can be a useful tool for job seekers looking to create a professional-looking resume quickly and easily. While there are potential drawbacks to using these tools, their benefits outweigh the negatives for many job seekers.

CHAPTER 3

Problem Statement

3.Problem Statement

The problem with traditional resume building methods is that they can be time-consuming, confusing, and often do not result in a professional-looking document. Additionally, not everyone has the experience or knowledge to create an effective resume that highlights their skills and achievements. This can be especially challenging for those entering the workforce for the first time, transitioning to a new career, or those with non-traditional work experience.

Resume builders aim to solve these problems by providing a user-friendly platform that guides individuals through the resume creation process, resulting in a well-structured, visually appealing, and professional-looking document. However, while resume builders can be effective, they may also have limitations, such as a lack of customization and flexibility, which may limit their usefulness for certain individuals and industries. Therefore, the problem statement for resume builders is how to provide a tool that balances ease-of-use and customization while addressing the needs of a diverse range of job seekers and industries. Creating a professional resume is a crucial step in finding employment, but it can be a time-consuming and daunting task for many job seekers. With so many different formats and designs to choose from, it can be difficult to know where to start or how to effectively showcase skills and experience. Additionally, traditional methods of creating resumes on word processors can be difficult and frustrating to use. As a result, there is a need for a user-friendly and customizable online resume builder tool that can simplify the resume creation process and help job seekers create effective resumes that stand out to potential employers.

The process of creating a professional-looking resume can be time-consuming and intimidating for many job seekers. Traditional methods of creating resumes, such as manually formatting and structuring a document, may be difficult for those with little or no experience in this area. Additionally, creating a unique and visually appealing resume can be challenging without access to professional design tools. Therefore, the problem statement for resume builders is how to provide a user-friendly and customizable tool that simplifies the process of creating a resume, while also allowing job seekers to stand out from the crowd and showcase their unique skills and experiences. The challenge is to balance the ease of use with the need for flexibility and personalization, while ensuring that the resulting resume is professional-looking and tailored to the job seeker's needs.

CHAPTER 4

Experimental Setup

4.1 Hardware Setup:

CPU : Pentium 4, 1.7 GHZ

RAM : 512Mb

Hard disc : 80 GB

4.2 Software Setup:

Software Requirement Specifications

Software Requirements:

Operating System : Windows 2000/xp-sp2

Back - End : ORACLE9i

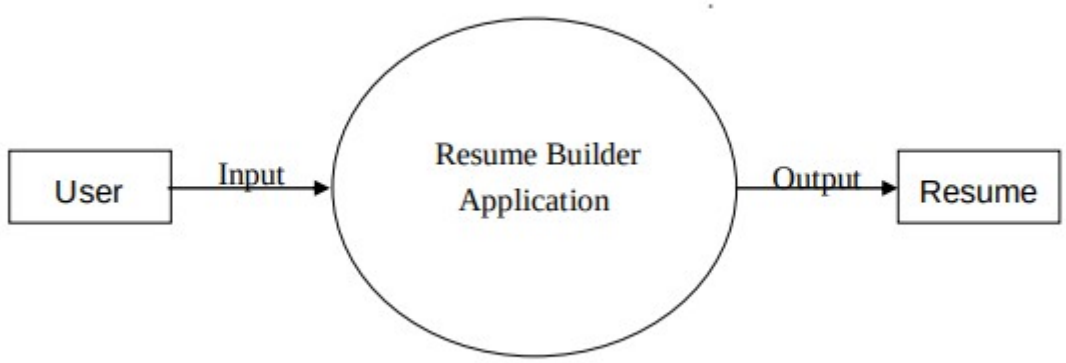
Front - End : JSP

Browser : IE 7

CHAPTER 5

Proposed System & Implementation

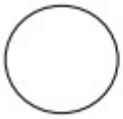
Block Diagram of proposed system:



Description of Block diagram:

Data Flow: Data move in a specific direction from an origin to a destination. The data flow is a “packet” of data.

Process: People, procedures or devices that produce data. The physical component is not identified.



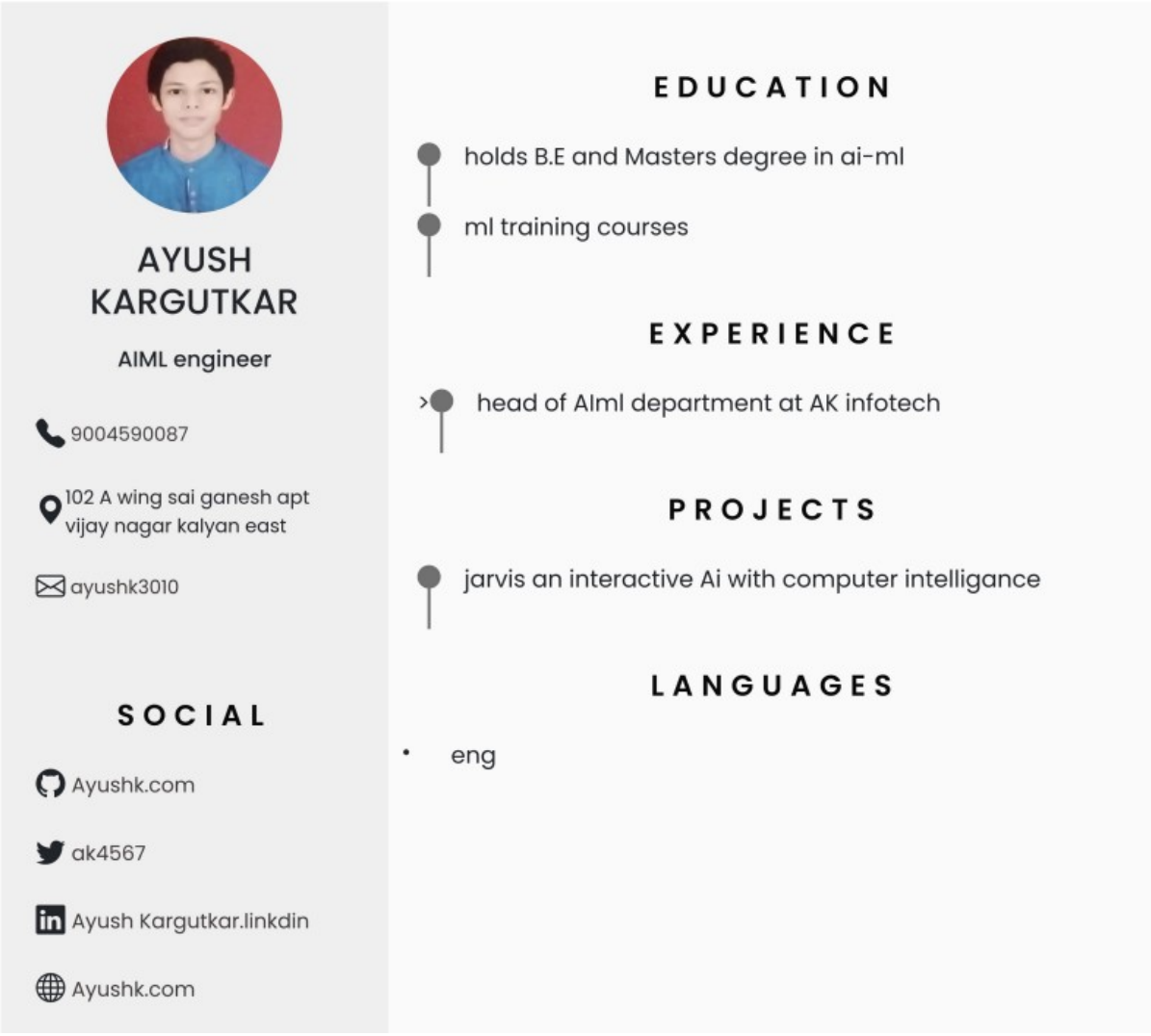
Source or Destination of data: External sources or destinations of data, which may be

people or organizations or other entities.

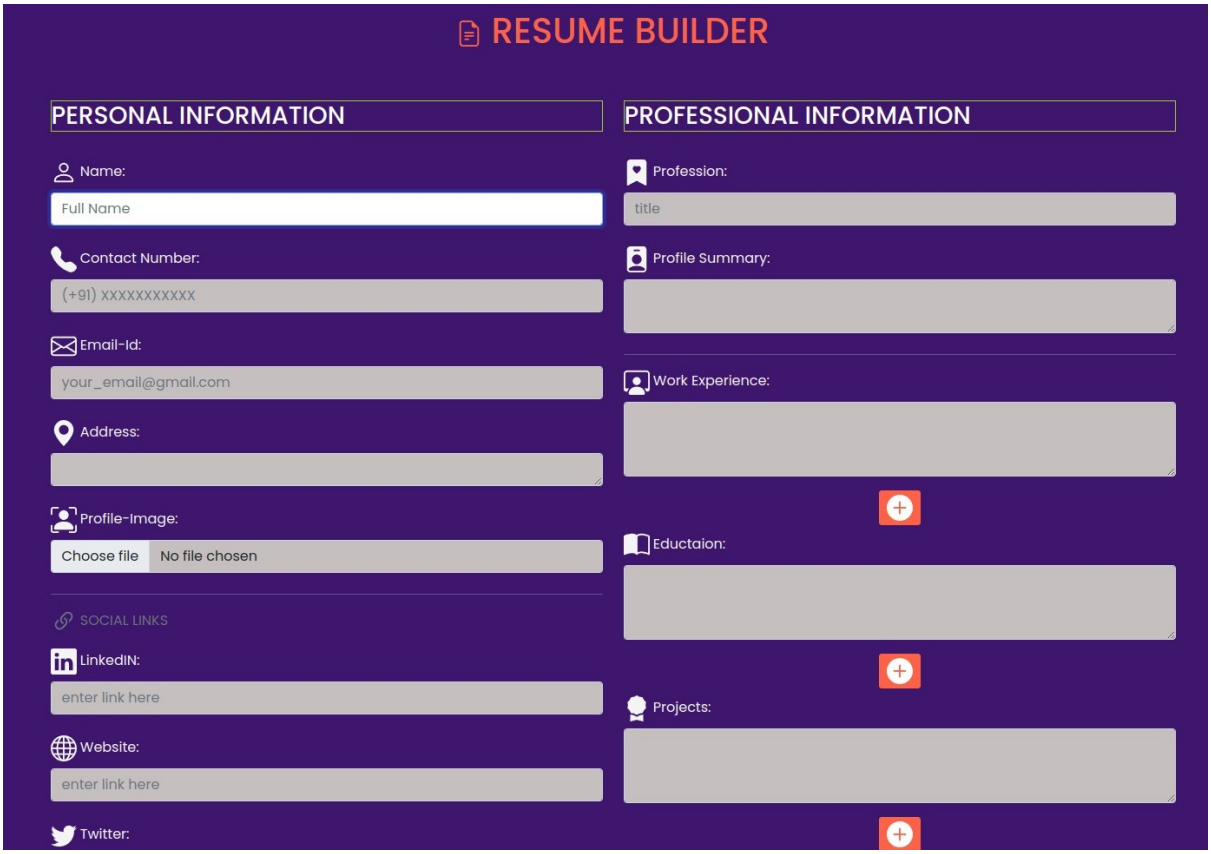
Data Store: Here, the data referred by a process in the system.

IMPLEMENTATION

OUTPUT OF THE RESUME:



WEBSITE:



HTML CODE:

8

```
<!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">
    <title>RESUME-BUILDER</title>

    <!-- bootstrap css -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sh

    <!-- css file -->
    <link rel="stylesheet" href="style.css">

     <!-- favicon file -->
    <link rel="shortcut icon" href="./assests/favicon.ico" type="image/x-icon">

</head>

<body>

<!-- ---------------------------------cv form ------------------------------>

<div class="container my-3" id="cv-form">
    <h1 class="text-center my-2"><svg xmlns="http://www.w3.org/2000/svg" width="16" height="16" fill="currentColor" cla
        <path d="M5.5 7a.5.5 0 0 0 0 1h5a.5.5 0 0 0 0-1h-5zM5 9.5a.5.5 0 0 1 .5-.5h5a.5.5 0 0 1 0 1h-5a.5.5 0 0 1-.5-.5
        <path d="M9.5 0H4a2 2 0 0 0-2 2v12a2 2 0 0 0 2 2h8a2 2 0 0 0 2-2V4.5L9.5 0zm0 1v2A1.5 1.5 0 0 0 11 4.5h2V14a1 1
      </svg> RESUME BUILDER</h1>

    <div class="row ">
        <!----------------- first col -------------->

        <div class="col-md-6 my-5 " id="form">
            <h3 style="margin-bottom: 2rem;">personal information</h3>

                <div class="form-group">
                    <label for="nameField" ><svg xmlns="http://www.w3.org/2000/svg" width="16" height="16" fill="curren
                        <path d="M8 8a3 3 0 1 0 0-6 3 3 0 0 0 0 6zm2-3a2 2 0 1 1-4 0 2 2 0 0 1 4 0zm4 8c0 1-1 1-1 1H3s-
                    </svg> name:</label>
                    <input type="text"
                           id= "nameField"
                           placeholder="Full Name "
                           class="form-control mt-2 mb-4"
                           >

                </div>

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

```css
.sheet {
  max-width: 968px;
    width: calc(100% - 3rem);
    margin-left: var(--mb-3);
    margin-right: var(--mb-3);
}


@media screen and (min-width: 968px){
.sheet {
    margin: auto;
    margin-right: auto;
}}



 @media screen and (min-width: 968px){
.resume {
    display: grid;
    grid-template-columns: .5fr 1fr;
    background-color: var(--container-color);
    box-shadow: 0 0 8px rgb(13 12 12 / 15%);
}}




body {
  box-sizing: border-box;
  margin: 0px;
  font-family: 'Poppins',sans-serif;
  background-color: rgb(63, 22, 110);

}
@media screen and (min-width: 968px){
.containerr{
    margin: 3rem 0;
}}


 #cv-template {
  display: none;
}

h3,
h4 {
  text-transform: uppercase;
  color: rgb(255, 255, 255);
```


JAVASCRIPT:

```
// alert("preview")

                    // WORK EXPERIENCE FIELD
function addNewWeField(){
// console.log("mmmmmmm");
let newNode=document.createElement('textarea');
newNode.classList.add('form-control');
newNode.classList.add ('weField');
newNode.classList.add ("mt-2");

newNode.setAttribute("placeholder" , "enter here");
newNode.setAttribute("rows" , 2);

let weOb = document.getElementById('we');
let weAddButtonOb = document.getElementById('weAddButton');

weOb.insertBefore(newNode,weAddButtonOb);
}

                    //  EDUCATION FIELD
function addNewEduField(){
    let newNode=document.createElement('textarea');
newNode.classList.add('form-control');
newNode.classList.add ('eduField');
newNode.classList.add ("mt-2");
newNode.setAttribute("placeholder" , "enter here");
newNode.setAttribute("rows" , 2);

let eduOb = document.getElementById('edu');
let eduAddButtonOb = document.getElementById('eduAddButton');

eduOb.insertBefore(newNode,eduAddButtonOb);

}


                    // projects
function addNewPjField(){
    let newNode=document.createElement('textarea');
newNode.classList.add('form-control');
newNode.classList.add ('pjField');
newNode.classList.add ("mt-2");
newNode.setAttribute("placeholder" , "enter here");
newNode.setAttribute("rows" , 2);

let pjOb = document.getElementById('pj');
let pjAddButtonOb = document.getElementById('pjAddButton');

```


CSS

```
.sheet {
  max-width: 968px;
    width: calc(100% - 3rem);
    margin-left: var(--mb-3);
    margin-right: var(--mb-3);
}


@media screen and (min-width: 968px){
.sheet {
    margin: auto;
    margin-right: auto;
}}



 @media screen and (min-width: 968px){
.resume {
    display: grid;
    grid-template-columns: .5fr 1fr;
    background-color: var(--container-color);
    box-shadow: 0 0 8px rgb(13 12 12 / 15%);
}}



body {
  box-sizing: border-box;
  margin: 0px;
  font-family: 'Poppins',sans-serif;
  background-color: rgb(63, 22, 110);

}
@media screen and (min-width: 968px){
.containerr{
    margin: 3rem 0;
}}


 #cv-template {
  display: none;
}

h3,
h4 {
  text-transform: uppercase;
  color: rgb(255, 255, 255);
```

CHAPTER 6

Conclusion

In conclusion, a resume builder is a valuable tool for job seekers looking to create a professional-looking resume quickly and easily. The benefits of using a

resume builder include time-saving, user-friendliness, customization, and ease of updates. The common features of resume builders, such as pre-designed templates, prompts, sections, and design options, make it easy for users to create a well-structured and visually appealing document. However, there are potential drawbacks to using resume builders, such as limited customization, generic resumes, and lack of flexibility.

To address these potential drawbacks, future developments in resume builder tools can focus on providing more flexibility and customization options for users while still maintaining the user-friendliness and time-saving benefits of the tool. Additionally, ongoing updates and improvements to the templates and design options can help users create resumes that are tailored to their specific industry or job role.
the future scope of resume builders is promising, with many opportunities for further development and improvement. As technology continues to evolve, resume builders can become more advanced and offer more customization options to users, allowing them to create resumes that are tailored to their specific industry or job role.

One area for future development is the integration of artificial intelligence (AI) and machine learning (ML) technology. With the use of AI and ML, resume builders can provide users with real-time feedback on the quality and effectiveness of their resumes, based on data from successful job applications. Additionally, AI and ML can help users identify relevant keywords and phrases to include in their resumes, increasing their chances of being selected for an interview.

Another area for improvement is the incorporation of multimedia elements, such as videos or interactive graphics, into resumes. This can help job seekers showcase their skills and experiences in a more engaging and dynamic way,

making them stand out from other candidates.

Overall, the future scope of resume builders is promising, with the potential to provide job seekers with a more personalized and effective way to create professional resumes that can help them land their dream job. By continuing to innovate and incorporate new technologies and features, resume builders can become an essential tool for job seekers in the competitive job market of the future.

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