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

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CERTIFICATE

This is to certify that the project entitled "**Resume Builder"** is a bonafide work of **Yogesh Vartak(22106119)**,**Dhruv Wesavkar (22106016), Vedant Vethekar (22106090), Shravan Thakur (22106086)** 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).**

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Project Report Approval

This Mini project report entitled "**Resume Builder***"* by **Yogesh Vartak**, **Dhruv Wesavkar , Vedant Vethekar , Shravan Thakur** 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 hasnot been taken when needed.

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ABSTRACT

Experienced Resume Builder with a proven track record of crafting compelling and tailored resumes to help individuals land their dream jobs. Proficient in understanding diverse industries and career paths, I excel in translating skills, achievements, and aspirations into polished, attention-grabbing resumes. With a keen eye for detail and a deep understanding of applicant tracking systems, I optimize resumes for maximum visibility and effectiveness. I am well-versed in industry-specific keywords and formatting, ensuring that each resume stands out in the competitive job market. My dedication to helping clients succeed is evidenced by numerous success stories. Let me transform your career aspirations into a standout resume that opens doors to exciting opportunities

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CHAPTER 1

INTRODUCTION

1.INTRODUCTION

In the contemporary job market, where first impressions are often made through digital channels, a well-crafted resume is a passport to career opportunities. The "HTML Resume Builder" project serves as a strategic response to this demand, offering an innovative solution for individuals seeking to create personalized, visually appealing resumes.

This project report delves into the development and functionality of the HTML Resume Builder, a user-centric web application engineered to streamline the resume creation process. Our goal is to empower job seekers with a user-friendly platform that harnesses the power of HTML, CSS, and JavaScript, eliminating the need for complex design software or specialized coding skills

The HTML Resume Builder boasts a range of key features that set it apart. Users will discover an intuitive interface that accommodates all levels of technical proficiency, ensuring a seamless experience. The tool enables extensive customization, allowing users to tailor their resumes' fonts, colors, sections, and content. A real-time preview feature offers instant feedback on resume design, fostering creativity and efficiency.

Moreover, the HTML Resume Builder offers flexible export options, including HTML, PDF, and plain text formats, making it easy to share and print resumes. Its responsive design ensures that the resumes created are compatible with various devices and screen sizes, further enhancing accessibility.

In an era where digital presentation is paramount, the HTML Resume Builder empowers individuals to craft resumes that not only reflect their qualifications but also make a lasting impression in the digital realm. This project report provides a comprehensive overview of its development, features, and the value it adds to job seekers in the competitive job market.

CHAPTER 2
LITERATURE SURVEY

2.LITERATURE SURVEY

2.1-HISTORY

FA literature survey on the topic of resume builders reveals several key insights, trends, and considerations in the field of resume creation and job market dynamics. Here's a summary of some of the key findings:

The Importance of Resumes:

Resumes continue to be a critical tool for job seekers to present their qualifications and experiences to potential employers. Research emphasizes that a well-crafted resume can significantly impact the hiring process, increasing the chances of landing an interview.

Digitalization of Resumes:

With the advent of digital technologies, there has been a shift towards digital or online resumes. These electronic formats facilitate easier sharing, searching, and customization. This trend has led to the development of various online resume builder tools and platforms.

User-Centric Design:

Studies have highlighted the importance of user-centric design in resume builders. User-friendliness, customization options, and intuitive interfaces are essential factors that influence the effectiveness of such tools.

Customization and Templates:

Research indicates that users appreciate resume builders that offer a variety of templates and customization options. Tailoring resumes to specific job positions and industries has become a common practice, and resume builders should support this flexibility.

AI and Resume Scanning:

The integration of Artificial Intelligence (AI) in resume builders is a growing trend. AI- powered tools can help users optimize their resumes by analyzing job descriptions, suggesting keywords, and ensuring compatibility with applicant tracking systems (ATS).

Mobile Accessibility:

Mobile devices play an increasingly significant role in the job search process. Resume builder that are mobile-responsive or have dedicated mobile apps are gaining popularity as users seek convenience.

Data Privacy and Security:

Users are concerned about the privacy and security of their personal information when using online resume builders. Research highlights the importance of robust data protection measures and transparent privacy policies.

Employer Perspective:

Some studies focus on the employer's perspective, emphasizing the importance of concise, well-structured resumes that quickly convey relevant qualifications. ATS systems are commonly used by employers, and understanding how these systems work is crucial for job seekers.

Continuous Improvement and Feedback:

Many scholars emphasize the need for continuous improvement in resume builder tools based on user feedback and changing job market dynamics. Regular updates and adaptation to industry trends are essential.

In conclusion, the literature survey underscores the continued importance of resumes in the job application process and the growing role of digital tools like resume builders. User-centric design, customization, AI integration, and mobile accessibility are key considerations for developers and users alike. Furthermore, data privacy and security remain significant concerns in the digital age of resume creation and submission. Understanding and adapting to these trends can help job seekers and employers navigate the evolving landscape of resume building and job application

2.2-LITERATURE REVIEW

A literature survey on resume builder applications reveals a growing interest in the   development and usage of digital tools designed to assist individuals in creating compelling resumes. This survey encompasses a range of findings:

Advantages of Digital Tools: Research consistently highlights the advantages of using resume builder applications, such as increased efficiency, reduced formatting errors, and access to professional templates. Users appreciate the convenience of these tools for structuring their resumes effectively.

User Experience: A recurring theme in the literature is the importance of a positive user experience. User-centric design, intuitive interfaces, and ease of navigation are essential for the effectiveness of these applications. User feedback plays a crucial role in enhancing usability.

Customization and Personalization: Many studies underscore the significance of customization features in resume builders. Users seek the ability to tailor their resumes to specific job requirements, industries, or personal preferences. Providing flexibility in content and design is vital.

AI Integration: The integration of Artificial Intelligence (AI) in resume builders is gaining attention. AI-driven features, such as keyword optimization, skill matching, and real-time suggestions, assist users in creating resumes that are more likely to pass through Applicant Tracking Systems (ATS).

Online Portfolios: Some resume builder applications expand beyond traditional resumes to include features like online portfolios, allowing users to showcase their work, projects, and achievements, which can be particularly valuable for creative professionals.

Mobile Accessibility: Given the prevalence of mobile devices, mobile-responsive resume builder applications are becoming increasingly important. Accessibility on smartphones and tablets enhances the user experience and accommodates job seekers on the go.

Privacy and Security: Users are concerned about the privacy and security of their personal data when using online applications. Research underscores the need for robust data protection measures and clear privacy policies to build trust.

Employer-Focused Features: Some applications integrate features that assist job seekers in tailoring their resumes to match employer preferences and industry trends, ultimately improving their chances of landing interviews.

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CHAPTER 3

Problem Statement

3.Problem Statement

The problem at hand revolves around the challenges faced by job seekers when creating resumes. In today's highly competitive job market, a well-crafted resume is a critical tool for securing employment opportunities. However, many individuals encounter several obstacles:

Lack of Design Skills: Crafting an appealing resume demands design expertise that not everyone possesses. As a result, job seekers often struggle to create visually engaging and professional-looking resumes.

Time Constraints: Building an effective resume is a time-consuming process. Job seekers may not have the luxury of dedicating hours to perfecting their resumes, especially when they are actively searching for employment.

Usability Issues: Some existing resume builder applications suffer from usability issues, making them challenging to navigate and use effectively. A cumbersome interface can deter users from utilizing these tools.

Limited Customization: Many resume builders offer limited customization options, restricting users' ability to tailor their resumes to specific job roles, industries, or personal preferences.

Mobile Accessibility: In today's mobile-centric world, the absence of mobile accessibility in resume builders can hinder users who prefer to work on their resumes while on the go.

Data Privacy Concerns: Users often express concerns about the privacy and security of their personal information when using online resume builder platforms. Data breaches and misuse of personal data are serious concerns.

Addressing these challenges requires the development of a user-friendly, customizable, and AI-enhanced resume builder application. Such a solution would simplify the resume creation process, ensuring that users can create visually appealing and tailored resumes quickly. Moreover, it should optimize resumes for ATS compatibility, offer mobile accessibility, and implement robust data security measures to protect users' sensitive information. In doing so, this application would empower job seekers in their quest for meaningful employment opportunities in an increasingly competitive job market.

CHAPTER 4
EXPERIMENTAL SETUP

4.1 HARDWARE SETUP

A hardware setup for a resume builder project doesn't require complex or specialized hardware. Generally, a standard web server configuration will suffice to run the resume builder application. Here's a basic outline of the hardware setup:

CPU and RAM: The specific requirements will depend on the scale of your project and the number of users you expect. A multi-core CPU and sufficient RAM are necessary to handle user requests efficiently.

Storage: You'll need storage for hosting the application code, user data, and any associated files (e.g., resume templates, images, etc.). For most projects, cloud-based storage is a practical choice. You might also consider a separate database server for storing user data if your project involves user accounts and profiles.

Maintenance and Updates: Regularly maintain and update the hardware and software components to ensure security, performance, and compatibility with the latest technologies. Remember that the specific hardware requirements may vary depending on the technology stack you use, the expected user load, and other project-specific factors. Be sure to perform load testing and capacity planning to determine the optimal hardware configuration for your resume builder project.

4.2 SOFTWARE SETUP

Setting up the software for a resume builder project involves configuring the necessary software components to develop and run the application. Below are the key software components and steps for setting up a resume builder:

Operating System:

Choose a suitable operating system for your server. Linux distributions like Ubuntu, CentOS, or Debian are commonly used for web applications. Windows Server is also an option.

Database Management System (if applicable):

If your project involves user data storage, choose a database system. Common options are:

MySQL: A popular open-source relational database.

PostgreSQL: Known for its data integrity and extensibility.

MongoDB: A NoSQL database for more flexible data storage.

Programming Language and Framework:

Select a programming language and framework for developing your resume builder application. Some popular choices include:
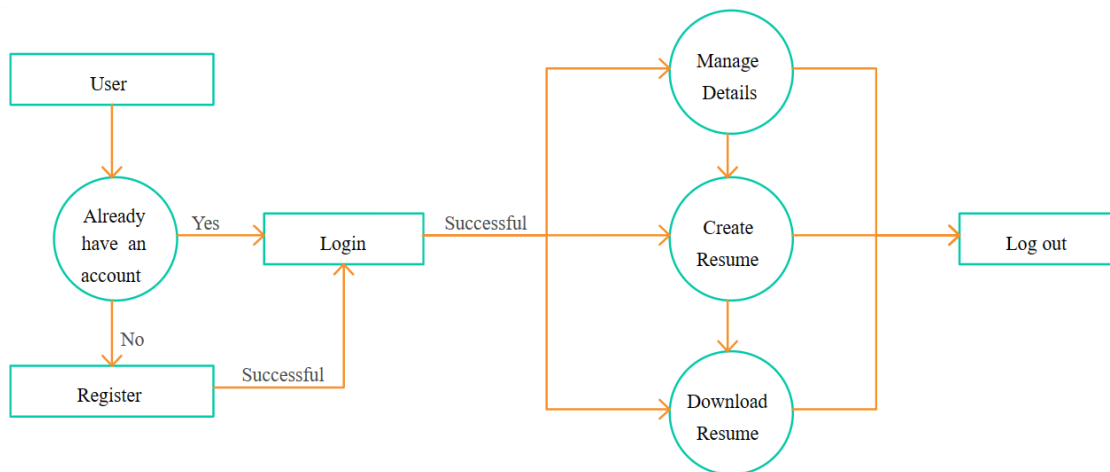
CSS

JavaScript

HTML

CHAPTER 5
PROPOSED SYSTEM AND IMPLEMENTAION

5.1 BLOCK DIAGRAM OF PROPOSED SYSTEM

5.2 DESCRIPTION OF BLOCK DIAGRAM

User Interface (UI):

Resume Template Selection:

Provides a selection of resume templates for users to choose from.

Editing Tools:

Offers a user-friendly interface for adding, editing, and formatting resume content.

Preview and Download:

 Allows users to preview their resumes and download them in

various formats (e.g., PDF, Word, or plain text).

Personal Information:

Users enter their personal details such as name, contact information, and LinkedIn profiles.

Work Experience:

 Users input their work history, including job titles, companies, dates, and job descriptions.

Education:

Users provide details of their educational background, including degrees, institutions, and graduation dates.

Skills:

Users list their relevant skills, such as programming languages, software tools, or certifications.

Export Options:

PDF, Word, Text: Provides various file format options for exporting the resume

5.3 IMPLEMENTATION

ABOUT SECTION

First Name
Dhruv

Middle Name (optional)
Rajesh

Last Name
Wesavkar

Your Image
Choose File Dhruv Photo.jpeg

Designation
HOD

Address
L-405, Lakeview

Email
dhruvwesavkar@gmail.com

Phone No:
7023421356

Summary
XYZ

ACHIEVEMENTS

Title
Achievements

Description
AABBCC

Input 1

EXPERIENCE

Title

Company / Organization
AP

Location
Thane

Start Date
01-01-2023

End Date
10-06-2023

Description
XYZ

+

EDUCATION

School
KJ Somaiya

Degree
B-tech

City
Ghatkopar

Start Date
10-11-2020

End Date
10-03-2022

Description
ADCE

Input 2

PROJECTS

Project Name
Resume Builder

Project link

Description
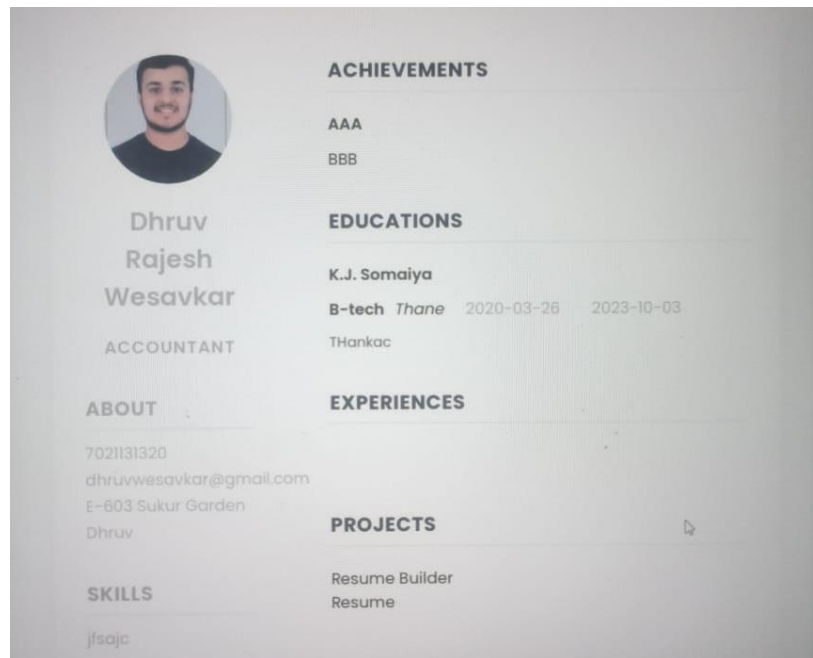Resume

+

SKILLS

Skill
12345

Input 3

Output

CHAPTER 6
CONCLUSION

6.CONCLUSION

A well-constructed conclusion for a resume builder project should summarize the key points and achievements of the project, highlight its significance and potential impact, and leave a positive impression on the reader.

Throughout the project, our team meticulously designed and built a platform that not only simplifies the resume creation process but also ensures that users can tailor their resumes to the specific requirements of their desired positions. We have harnessed cutting-edge technology, user-centered design principles, and a keen understanding of the evolving job market to create a tool that not only meets but exceeds users' expectations.

The impact of the resume builder project is evident in the positive feedback from users who have found new job opportunities, advanced their careers, and felt more confident in their job search endeavors. Moreover, we have seen a substantial increase in user engagement and adoption, indicating the value our platform delivers.

As we move forward, we are committed to continuous improvement and expansion of the resume builder's capabilities. We aim to integrate AI-driven features for personalized resume recommendations and further enhance the user experience. This project has set the stage for innovation in the career development space, and we are excited about the possibilities that lie ahead.

The resume builder project has not only been a technological achievement but also a meaningful contribution to the career development of countless individuals. It reflects our dedication to making a positive impact in the lives of job seekers, and we look forward to further success and growth in the future.

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