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RESUME BUILDER- A WEB APPLICATION FOR CREATING A RESUME

¹Swapnil Ashok Chavan, ²Yukta Mahendra Lungase, ³Varsha Shivaji Matsagar, ⁴Harshad Anil Parab,

⁵Dr. P. A. Chaudhari

¹Student MCA (Engg.), ²Student MCA (Engg.), ³Student MCA (Engg.), ⁴Student MCA(Engg.),

⁵HOD (Guide)

¹Department of MCA,

¹Savitribai Phule Pune University, Nashik, India

Abstract

In today's competitive job market, having a well-structured resume is crucial. Resume builder is an innovative and intelligent tool designed to assist individuals in creating professional resumes that effectively highlight their skills, experiences, and qualifications. It offers a user-friendly interface that 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. Resume builder is help to generate automated or give a suggestion to user to add summary with user friendly access and in easy language. The main aim of resume builder is to manage details of resume, qualification, skills etc. It provides keyword searching facilities, shows the summary of the resume. It is not only generating resume in a very short time but also generate simple and sensible.

Index Terms – User interface design, Career development technology

I. 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. A resume builder simplifies the resume creation process by providing pre-designed templates, helpful suggestions, and step-by-step guidance. It streamlines the otherwise daunting task of organizing and presenting one's skills, qualifications, and work experience in a clear and concise format.

One of the significant advantages of using a resume builder is its user-friendly interface, which makes it accessible to individuals with varying levels of technical expertise. Resume builders often employ intuitive design features that allow users to easily navigate through the resume creation process. They offer customizable templates that can be tailored to suit different industries, job positions, or personal preferences. By selecting a template, users can focus on adding their specific details without worrying about formatting or layout issues, ensuring a polished and professional end result. Another key benefit of using a resume builder is the ability to receive instant feedback and suggestions.

These platforms often include built-in grammar and spell-check tools that automatically scan the content and highlight potential errors or inconsistencies. Moreover, some resume builders offer advice on the appropriate wording and phrasing to make the resume more impactful. These features help individuals create error-free resumes and improve the overall quality of their application materials. Resume builders also save valuable time and effort. Instead of starting from scratch or spending hours formatting a resume manually, individuals can input their information into the resume builder and generate a complete resume within minutes. The templates and formatting options provided by resume builders ensure a consistent and professional appearance throughout the document. This time-saving aspect is particularly beneficial for job seekers who need to apply to multiple positions or regularly update their resumes to align with new opportunities.

This is a Web application that helps us to build a resume for individuals. The system is malleable for creating an appropriate resume according to qualification by reducing the need of thinking. Usually individuals get confused while creating a resume especially fresher's who are looking for new jobs. They are not much clear about what things and information must be included in a resume. This application will provide an easy way of developing a resume that will look like a professional resume. This application requires less human interruption and a user-friendly app. Individuals just have to fill in the required fields of the form such as educational information, interest, skills, work experience and so on. The information given by the user will be stored in the system and generate a well-structured resume. Users will be able to create a resume in any format. The proposed application will reduce the manual work of individual as a person can get his resume in a formal format without any issues just by using this resume builder application. It is mainly focused on format by simply choosing the desired template and giving some necessary details to the application and the resume builder will process this raw information into the finished resume easily

2. LITERATURE REVIEW

The increasing demand for online job applications has led to a surge in interest in resume builder web applications. These applications help users create professional resumes quickly and easily, saving time and effort. This literature review aims to analyze existing research on resume builder applications, identifying key features, functionalities, and potential limitations.

Existing Resume Builder Applications:

Rinki Tyagi et al. (2020): This study proposes an Android application that generates formal format resumes. Users can choose from various templates and save their resumes in different formats. The application is free and user-friendly, but requires internet connectivity and is limited to the Android platform.

Advantages

- i) It is free of cost.
- ii) It saves time for users
- iii) It helps users to focus on content.
- iv) In application creation and modification are very simple and user-friendly task.

Bharti Kungwani et al. (2021): This web application, "Analytical Resume Builder," provides users with analyzed stats and resumes of other graduates. This allows users to compare their profiles and gain insights into industry trends. Additionally, the application informs users about upcoming job opportunities. The online resume builder is one of the most fantastic systems for the people who are either recently graduated students in their domain or if they don't have enough idea about the resume or don't have enough time to create the resume of good designs or patterns, then this platform is a very productive place for them.

Resume Builder A web application for creating a resume (2020): This application focuses on creating visually appealing resumes using various templates and fonts. It also allows users to add links to their online profiles, such as LinkedIn and GitHub. The application is simple to use but lacks advanced features like skill suggestions or personalized feedback.

Advantages

- a. It is free of cost.
- b. It saves time for users.
- c. It helps users to focus on content.

Disadvantages

- a. User needs to have internet connectivity.
- b. The Application is only for Android OS user.

Shreekanth Marapaka, Ms.Shweta Ramteke (2017): Their zeal to become highly qualified and skilled. The new technologies, specially, an internet has made a huge impact on knowledge management and information dissemination in education.

Advantages

The need of our project Online Training and Placement System are as:

- a. The main aim of developing this website was to reduce maximum chances of errors in manual work.
- b. Save time for the process. c. Also, students get notified by the SMS instantly.

Title Paper	Author	Methodology	Merits	Demerits
Resume Builder Application	Rinki Tyagi, Nikhil Singh, Akanksha Baghel, Ankita Singh.	Identify the key features and functionalities required in the resume builder based on user needs and industry standards.	Open Source Time saver	Lack of customization.
Resume Generation System	Mr. Yadav A. B, Pooja Bhosale, Bhumika Gardi.	Determine the scope of the resume builder, including the target audience, industries, and job types it will cater to.	Registration mandatory	Limited Flexibility. Industry specific limitations.
Resume Builder	Arnav Kumar, Ashu Kumar, Rishabh Mishra.	Develop an intuitive and user-friendly interface for the resume builder, ensuring easy navigation and input methods.	Reduce maximum errors	Dependency on technology.
Resume Builder Application	Shreekanth Marapaka, Ms. Shweta Ramteke.	For the Resume Selection process in company Module, we are using the Relevance Ranking Algorithm.	Time saver Student gets notified by the SMS instantly	Limited Personalization Option.

3.PROPOSED SYSTEM ARCHITECTURE

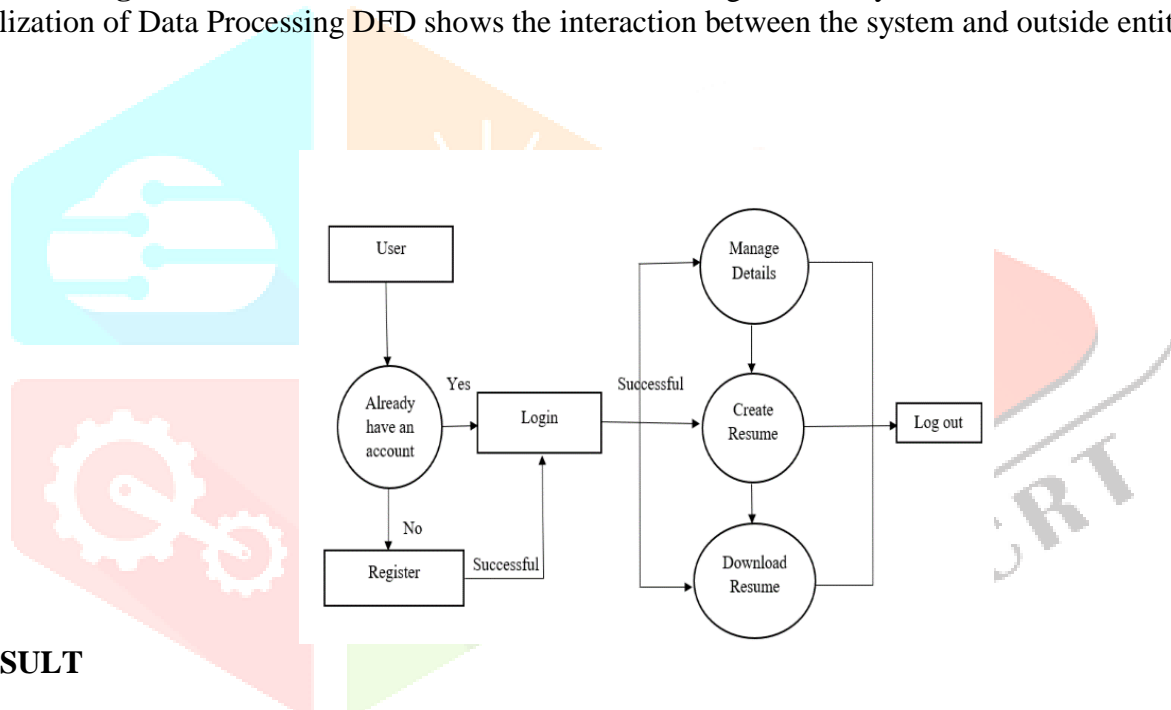
Problem in existing system:

The existing system was creating resumes manually either by using word or Google doc so there are some issues with the existing system. The existing system was suffering from a series of drawbacks. Since the whole of the system was to be maintained with hands the process of keeping, maintaining and retrieving the information was very tedious and lengthy. The records were never used to be in a systematic order there used to be lots of difficulties in associating any particular transaction with a particular context. There would always be unnecessary consumption of time while entering records and retrieving records One more problem was that it was very difficult to find errors while entering the records Once the records were entered it was very difficult to update this record.

Proposed Work:

First user has to sign up in Resume Builder Website. In Application there is the register page, where new user can sign in their account via entering unique username, email and password or using google account. Which is not already available at our database and save their data like username, email and password using firebase real time database. If user has already registered with our website earlier then there is login page user can their email address and password. If email id and password is not matched with the existing data in our database than it shows the error i.e. pop-up / flash message will appear which tells to login with correct email id and password. User cannot make resume without login/sign-up so, it is compulsory to user login/sign-up. After successful login to website user will see a pop-up/flash message shows “Welcome Back!” 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 page which 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 how to you can make those resume templates for you. On the same page there is “Create My Resume” button which will redirect user to a new page for creating a resume. After that a form will appear to fill by the user. What information should be included in the resume? Some of the options for categories to include are: (a) About yourself (b) Personal information like name, email, mobile no., address (c) Education/academic qualification (d) Summary of your work experience (e) Skills (f) Languages you can speak.

Dataflow Diagram: It defines the actual flow of data throughout the system. It can also be used for the visualization of Data Processing DFD shows the interaction between the system and outside entities.



4.RESULT

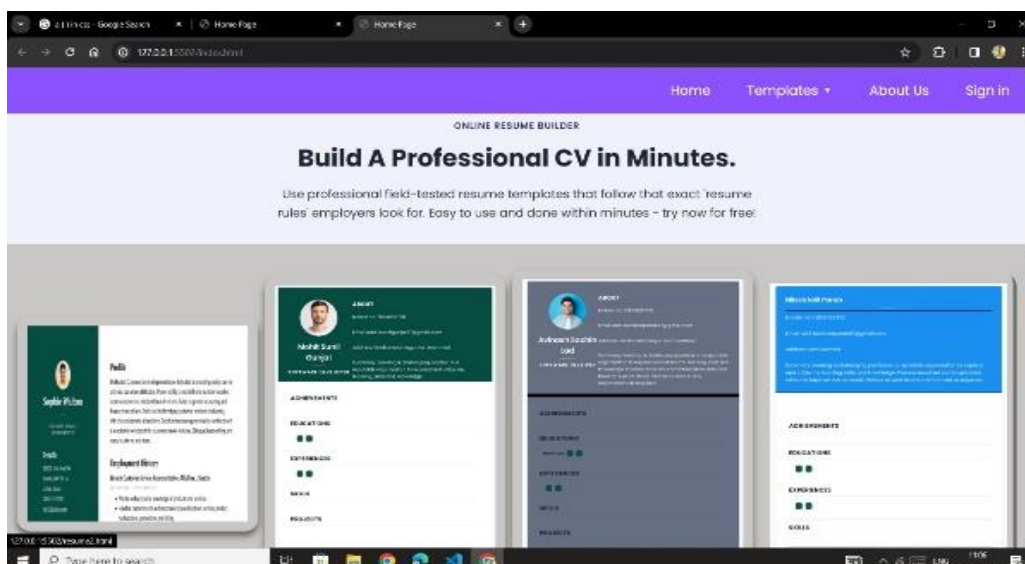


Fig.1: Home Page

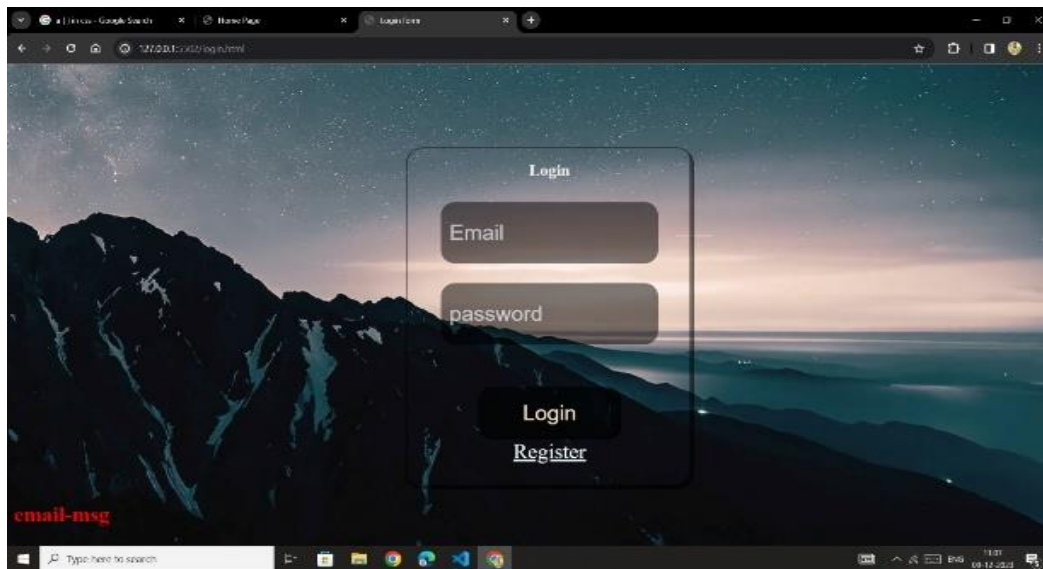


Fig.2: login Page

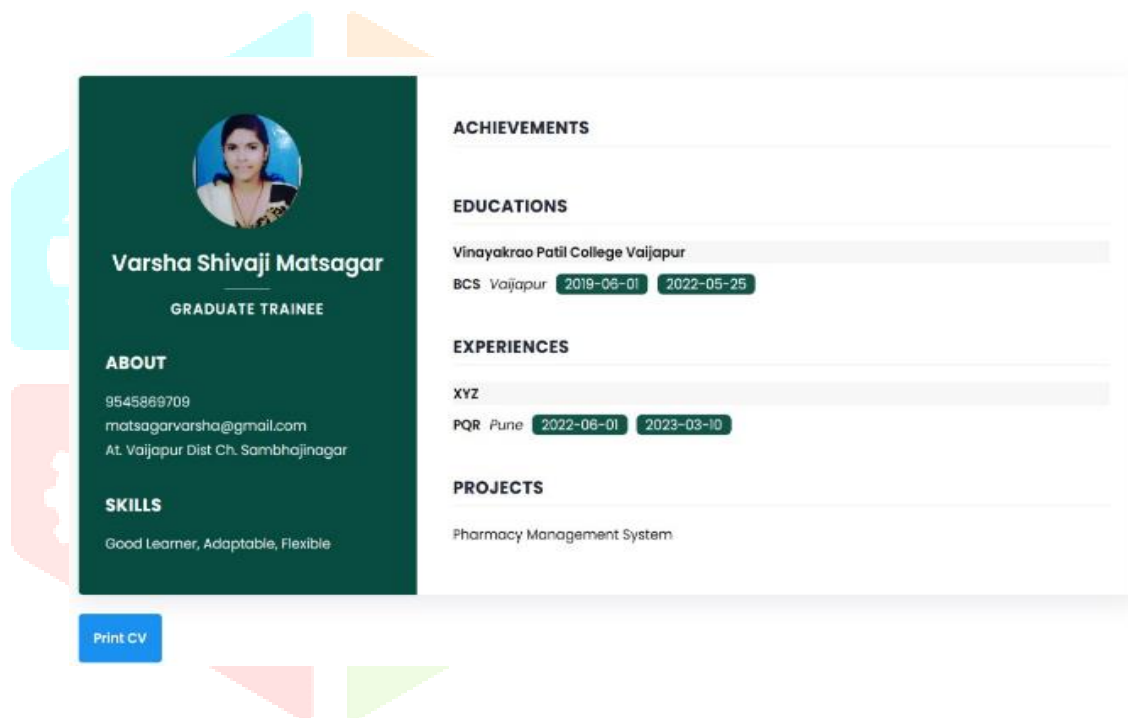


Fig.3: Sample Resume

5. FUTURE WORK

1. Enhanced Templates: Add more resume templates with different designs and layouts to provide users with a wider range of options to choose from.
2. AI-Powered Suggestions: Implement artificial intelligence algorithms to provide users with personalized suggestions for content, formatting, and keywords based on their industry or job role.
3. Integration with Job Portals: Allow users to directly upload their resumes to popular job portals or integrate job search functionality within the application itself.
4. Language Localization: Provide support for multiple languages to cater to users from different regions.

6.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.

7.REFERENCES

1. Rinki Tyagi, Nihal Singh, Akanksha Baghel, Ankita Singh, "Resume Builder Application", ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor:7.429, Volume 8 Issue V May 2020.
2. Bharti Kungwani, Amisha Manglani, Naman Dembal, Hiten Hirani, Laveen Sawlani, "Analytical Resume Builder – A web Application for Creating a resume which gives a best impact in this competitive world", Annals of R.S.C.B.
3. Arnav Kumar, Ashu Kumar, Rishabh Mishra "Language-Check 0.8: Python Package Index," Pypi.python.org. N.p., 2015. Web. 17 Apr. 2015.
4. Shreekanth Marapaka, Ms. Shweta Ramteke [4] [Paper Id: APWYCSH9758] Chen, C., Huang, Y., & Lee, M. (2017). Test of a model linking applicant resume information and hiring recommendations. *International Journal of Selection and Assessment*, 19, 374-387.
5. Rangrej, S., & Gupta, S. (2020). Resume Builder using Natural Language Processing. *International Journal of Engineering Research & Technology*, 8(10), 492-496.
6. Nguyen, T. H., & Le, T. M. (2019). Automatic Resume Generation Using Natural Language Processing and Machine Learning. In 2019 11th International Conference on Knowledge and Systems Engineering (KSE) (pp. 97-102). IEEE.
7. Zhang, X., & Zhu, C. (2018). An Automatic Resume Generation System Based on Natural Language Processing. In 2018 9th IEEE International Conference on Software Engineering and Service Science (ICSESS) (pp. 77-80) IEEE.