Automated Resume Builder for Fresh - Graduates Using Html and JavaScript

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Abstract: *This project is an online resume builder. It is an application that simplifies the task of creating a resume for individuals. The program is based on web development using Html,CSS,JS and BootStrap. The system is developed to provide an easy means for creating a professional looking resume. The system is flexible to be used and reduces the need of thinking and designing an appropriate resume according to qualifications. Individuals just have to fill up a form that specifies questions from all required fields such as personal questions, educational, qualities, interest, skills and so on. The answers provided by the users are stored and the system automatically generates a well-structured resume. Creating a resume is a bit of a tedious task for any working professional from any industry. One has to keep it short, simple, and with the latest work experience, and constantly update it over a while. Individuals just have to fill up a form that specifies questions from all required fields such as personal questions, educational, qualities, interest, skills and so on. The answers provided by the users are stored and the system automatically generates a well-structured resume.*

Keywords: Resume Builder, Resume, Fresh- Graduates, HTML, Professional Resume, Javascript ,Resume Generator.

I. INTRODUCTION

In today's job market, the resume has become the number one requirement potential employer's request. Before an employer will take valuable time to interview you, he or she wants to meet you – on paper. How you impress that employer with your resume can, and will, make all the difference. The aim of this project is to create an application that should provide a professional looking resume to users without the hassle of going through the process of thinking about what to put in their resume. The system is developed to provide an easy means for creating a professional looking resume. The system is flexible to be used and reduces the need of thinking and designing an appropriate resume according to qualifications. Individuals just have to fill up a form that specifies questions from all required fields such as personal questions, educational, qualities, interest, skills and so on. The answers provided by the users are stored and the system automatically generates a well-structured resume. Creating a resume is a bit of a tedious task for any working professional from any industry. This project is an online resume builder. It is an application that simplifies the task of creating a resume for individuals. The program is based on web development using Html, CSS, JS and Bootstrap.

II. RELATED WORKS

Vivian lai et la proposes that[1] The advent of the Web brought about major changes in the way people search for jobs and companies look for suitable candidates. As more employers and recruitment firms turn to the Web for job candidate search, an increasing number of people turn to the Web for uploading and creating their online resumes. Resumes are often the first source of information about candidates and also the first item of evaluation in candidate selection.

Víctor fresno says that[2] The selection of a suitable document representation approach plays a crucial role in the performance of a document clustering task. Being able to pick out representative words within a document can lead to substantial improvements in document clustering. In the case of web documents, the HTML markup that defines the layout of the content provides additional structural information that can be further exploited to identify representative words. In this paper, we introduce a fuzzy term weighting approach that makes the most of the HTML structure for document clustering.Fatima ashraf proposes that[3] In the past few years, there has been an exponential increase in the amount of information available on the World Wide Web. This plethora of information can be extremely beneficial for users. However,

the amount of human intervention that is currently required for this is inconvenient. Zied jaoua et la states that This paper proposes an algorithm for the robust reception of compressed HTML files transmitted over a noisy mobile radio channel. Both source encoders and transmission systems are assumed to be standard compliant. The source encoder follows the HTTP 1.1 protocol specifications, i.e. the HTML files are encoded by the deflate algorithm, a combination of Lempel-Ziv and Huffman algorithms. Md. Liakot Ali et al propose that [4] Now-a-days mobile phones are part of our daily life. So mobile browsing is becoming a popular issue day by day. Today most web pages are written in HTML. Mobile Browsers are optimized for displaying web content. It has low-memory capacity and low-bandwidth. So, mobile browsers cannot render all html documents in its limited area.

III. IMPLEMENTATION

Visual Studio code is the software that is going to be used for implementing the code. There are two main modules in the application. The HTML module and the CSS module .HTML module- This is the main module of the program. The user enters his/her details in this module according to their desired liking. The fields that the user can enter are Name, Designation, Job experience, Gmail, Contact info, Linkedin, Hobbies, Achievements, Skills, etc. When the user enters the webpage they will be presented with options for their templates from which they can choose one of their liking. This process will make the creation of the resume effortless. CSS module- This module performs the task of manipulating the appearance of the resume which the user creates. The input module collects the data entered by the user and the css module manipulates how the resume looks. The css module helps to create multiple templates varying from modern to classic.Css is used to control the style of a web document in a simple and easy way.Css is the acronym for "Cascading Style Sheet". Cascading Style Sheets, fondly referred to as CSS, is a simple design language intended to simplify the process of making web pages presentable.

IV. EXISTING SYSTEM

Freshers and professionals struggle to create a well formed resume for the job that they wish to get. In the modern industry, the HR of a company looks for a resume that looks professional and most of them prefer it to be a one page resume .That could be a difficult task considering it might be hard to fit all of the information all into that single page. It requires internet connection which not many might not be able to access or afford in their current situations. Sometimes a user wants a customized resume that is not possible in the system. Lots of the resume builders which are available online are expensive and cost quite a sum of money even for a single resume. Another tactic the common resume builders online use is that they ask for personal information of the user like their email id and phone number which then they can use for spamming the user with unnecessary advertisements.

V. PROPOSED SYSTEM

Our project, which is a resume builder, hopes to solve most of the issues that are faced by the existing system. Firstly we aim to solve the problem of choosing what information is required and expected in a professional resume. Secondly we aim to solve the issue of fitting all of the information of the user into a single side. This application offers a clean and professional looking resume. The system is flexible to be used and reduces the need of thinking and designing an appropriate resume according to qualifications. Individuals just have to fill up a form that specifies questions from all required fields such as personal questions, educational, qualities, interest, skills and so on. The answers provided by the users are stored and the system automatically generates a well structured resume. Users have the option to create a resume in any format and file.

VI. CONCLUSION

The resume of an individual plays a more crucial role than anyone thought it would and thus this project proved that making a proper and professional resume to survive in the modern industry which has more and more competition and everyone is trying to one up the other. The aim of this project is to create an application that should provide a professional looking resume to users without the hassle of going through the process of thinking about what to put in their resume and we achieved the same thing during the course of researching and developing the said project. We created a resume builder which wouldn't exploit any of the persons privacy or financial status. It would be an ad free experience and a seamless experience in which the user would need to do anything more than give the information that they would want in their resume.

VII. FUTURE WORK

The future of interviews and job placements seems unclear as everything is made into online mode but one thing that is certain is that there will always be some form of a resume that every individual must possess a resume which showcases their skill and their talents. The future work of this project is to add many more templates that would satisfy a wider range of individuals in multiple fields of industries. One has to keep it short, simple, and with the latest work experience, and constantly update it over a while. Individuals just have to fill up a form that specifies questions from all required fields such as personal questions, educational, qualities, interest, skills and so on.

REFERENCES

[1]. Vivian Lai; Kyong Jin Shim; Richard J.Oentaryo (2017). Career Mapper: An Automated Resume Evaluation Tool.

[2]. Alberto P. García-Plaza; Víctor Fresno; Raquel Martínez Unanue;(2016) Using Fuzzy Logic To Leverage Html Markup For Web Page Representation.

[3]. Fatima Ashraf; Tansel Özyer; Reda Alhajj(2008) Employing Clustering Techniques For Automatic Information Extraction From Html Documents.

[4]. Zied Jaoua; Anissa Mokraoui; Pierre Duhamel(2012) Robust Transmission Of Compressed Html Files Over Wireless Channel Using An Iterative Joint Source -Channel Decoding Receiver

[5]. Md. Ashik Ali Khan; Md. Liakot Ali(2019) Development Of A Translation Model From Html To Wml Using Component Based Information Extraction Technique