

# **RESUME BUILDER**

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## **ABSTRACT**

In this project we will develop a Resume builder with Java that creates a Resume pdf for the information given by the user. In today's job market, having a strong and well-crafted resume can make all the difference in securing your dream job. However, creating a personalized and professional CV can be a hard task, especially if you're starting from scratch. That's where a CV builder comes in handy.

Our project makes use of Apache POI API to edit the doc file, i.e., Resume templates. Our application takes inputs from the user and makes use of the API to replace a set of keywords in the selected template and then saves the resume by the name of the user itself

## **INTRODUCTION**

Your resume is just a reflection of you on a page. It shows your skills, education, your past work experiences, achievements, courses you have pursued, etc. However, a resume is much more than that. The resume acts as a bridge between you and the prospective recruiter. Hence the importance of a resume can never be underestimated.

In the dynamic realm of career progression, a well-crafted resume serves as the gateway to

opportunities. Recognizing the pivotal role that a resume plays in one's professional journey, we present the Java Resume Builder – an innovative solution designed to empower individuals to create personalized, standout resumes effortlessly.

In a world where first impressions matter, the Java Resume Builder is engineered to streamline the resume creation process, offering a user-friendly interface and robust features. Built on the reliability and versatility of Java, our resume builder ensures a seamless and efficient experience for users across diverse professional backgrounds.

## **PROBLEM DEFINITION**

Individuals face challenges in creating compelling resumes that not only effectively communicate their qualifications but also align with industry standards and specific job requirements. The existing resume-building tools often lack flexibility, user-friendliness, and compatibility with specific formats such as those mandated by professional bodies like IEEE. To address these issues, we propose the development of a comprehensive Resume Builder using Java.

## LITERATURE SURVEY

Rinki Tyagi et[1] solved the problem of manual creation of resumes. Long back resumes were created manually by using MS Word and the format at that time was quite different. These are the fields that applicants used to mention in their resumes, in personal information applicants used to write their name, address, and phone number. Applicants also used to mention their personal opinion in their resumes. At that time applicants used to mention their both early and recent education details. Applicants used to create either too short or too long resumes because at that time there were no standards set for the ideal length of resumes.

### 1) The Application Allows Users To

- a) OTP-based login/sign in.
- b) Allows and suggests users to choose from several creative and up-to-date templates.
- c) Can save their resume in any format they want.

### 2) Advantages

- a) It is free of cost.
- b) It saves time for users.

### 3) Disadvantages

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

Bharti Kungwani [2] presented a web application - "Analytical Resume Builder" which provides precise knowledge and analyzed stats. In addition, it provides resumes of graduates i.e., placed students. So, the users will get more clarity on their resume. Furthermore, it also informs about upcoming company drives and campus placements. The application uses statistical analysis by collecting quantitative data and then represents it in a visual format. After the successful building of the resume user can export the file in PDF format.

### 1) Advantages

- a) It is a web application; anyone can access it.
- b) It provides resumes of graduates.
- c) It informs about upcoming placement drives
- d) It provides statistical analysis of your resume.

### 2) Disadvantages

- a) User needs to have internet connectivity.
- b) Not providing any resume templates.

## EXITING STATEMENT

Indeed's Resume Builder is an integral part of its renowned job search platform, offering users a seamless experience in creating and formatting their

resumes. What sets Indeed apart is its integrated approach, allowing users to not only craft professional resumes but also directly apply to relevant job listings on the Indeed platform.

Moving on to Zety, it stands as a dedicated resume builder platform committed to providing users with a tailored experience. Boasting customizable templates and a user-friendly interface, Zety ensures users have the flexibility to create resumes that uniquely reflect their professional identity.

## DISADVANTAGES OF EXISTING SYSTEM:

Despite its popularity, the Indeed Resume Builder has some limitations. One notable drawback is the limited customization options available to users. While Zety offers a range of features, its main disadvantage lies in the transition between free and premium versions. Users may find that some advanced features crucial for a standout resume are only accessible through a paid subscription.

## PROBLEM STATEMENT

Existing resume building tools lack optimal customization, collaboration features, and often fail to adhere to specific formatting standards. The absence of a dedicated Java-based solution exacerbates these issues, hindering the efficiency and flexibility needed for crafting personalized resumes that meet the diverse requirements of industries. Therefore, there is a pressing need for a Java-based Resume Builder that comprehensively addresses these challenges. This solution must seamlessly integrate with Java's robust capabilities, delivering a user-friendly experience, adhering to industry standards, and promoting effective collaboration in resume creation. This optimized solution aims to empower users to effortlessly create, customize, and collaborate on resumes that distinctly stand out in the fiercely competitive job market.

## ADVANTAGES

Resume builders offer a streamlined and efficient approach to crafting professional resumes. Their user-friendly interfaces, coupled with a range of templates and customization options, make the resume creation process accessible and time-efficient. This ensures a consistent and polished format, contributing to a visually appealing and well-presented document that stands out to potential employers. Additionally, the real-time editing and collaboration features in some resume builders

enhance teamwork and allow for seamless input from mentors or colleagues, fostering a collaborative and iterative approach to resume refinement.

## SYSTEM REQUIREMENTS

### HARDWARE REQUIREMENTS:

System: Pentium i3 Processor

Hard Disk: 500 GB.

Monitor: 15'' LED

Input Devices: Keyboard

Mouse Ram: 2 GB

### SOFTWARE REQUIREMENTS:

Operating system: Windows 7 and above.

Coding Language :Java

Tool: Eclipse IDE

MySQL

## FUNCTIONAL REQUIREMENTS

A practical necessity is a depiction of a framework's various functionalities, administrations, and obligations. It is accumulated as a useful prerequisites report from the client, and the engineers work on carrying out the expected highlights as a whole and administrations.

User Registration and Profile Management

Real-time Editing and Preview

Error Checking and Feedback

## NON-FUNCTIONAL REQUIREMENTS

These are significantly worried about the details that the framework gives notwithstanding the primary center usefulness of the product. These effects no center administrations given by the framework yet improves them.

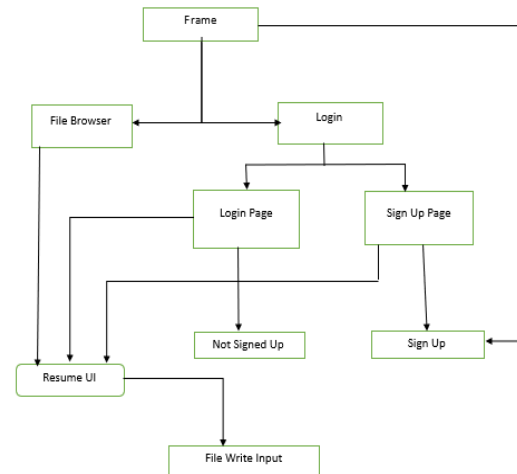
**Performance:**-The system should respond promptly to user actions, with minimal lag or delay.

**Usability and User Experience:**-The interface should be intuitive, user-friendly, and accessible to a wide range of users.

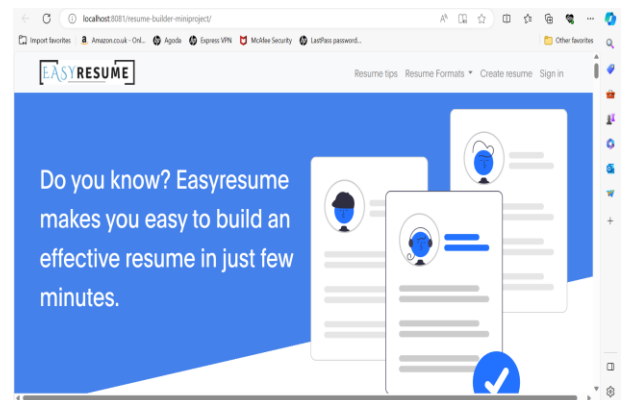
**Technical Support and Maintenance:**-Provide ongoing support for users, including troubleshooting assistance and regular system maintenance.

**Data Backup and Recovery:**-Regularly back up user data to prevent loss in case of system failures or errors.

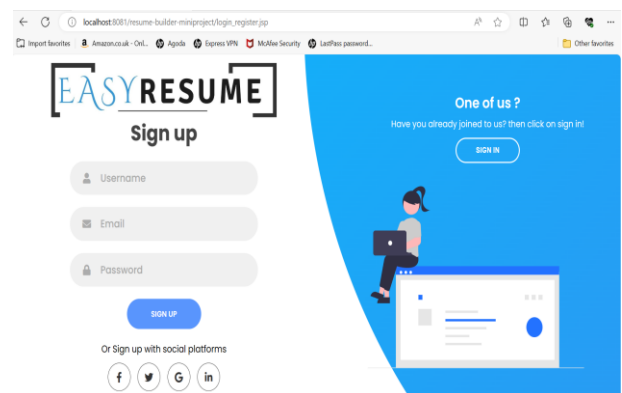
## SYSTEM ARCHITECTURE



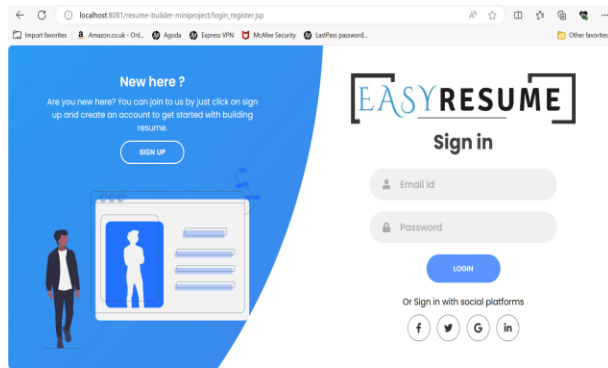
## FRONT END DESIGN



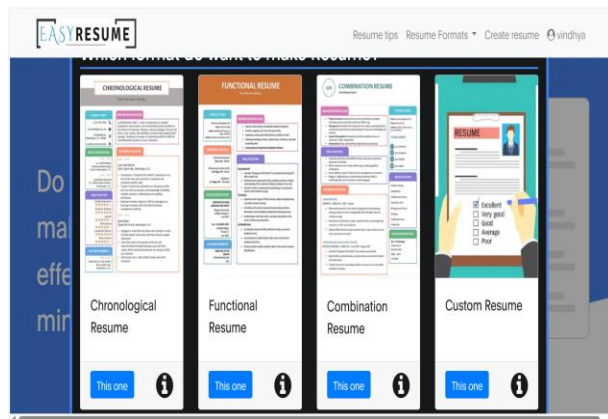
## REGISTRATION PAGE



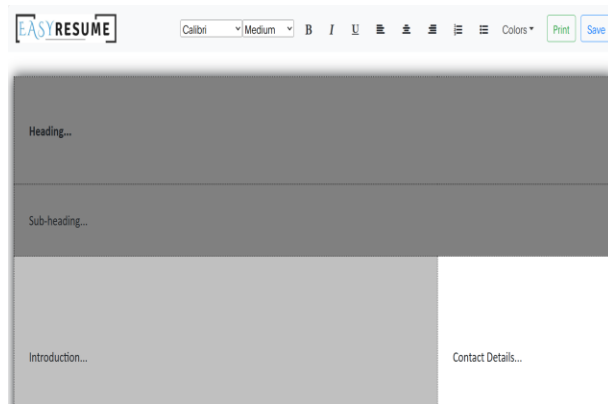
## LOGIN PAGE



## HOME PAGE



## OUTPUT



## CONCLUSION:

Building a strong resume ensures that you'll get through the first step of your dream job. A few years back people generally use MS Office or Google Docs for making a resume and it was a tedious task but nowadays there are a bunch of websites that provide templates for automatic resume generation either free or paid. Also, it doesn't matter whether you are using an Android application or Web application, you must require an Internet connection.

## 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., ISSN:1583-6258, Vol. 24, Issue 2, 2020, Pages. 235 -238, Received 24 October 2020; Accepted 15 December 2020.

[3] Authors: Kishor Raut, Suhas Dalve, Mahesh Jadhav, Harish Koli  
Link: <https://doi.org/10.22214/ijraset.2022.39779>

[4] [Jayvik Kashipara](#)

<https://www.kashipara.com/project/java/1316/resume-builder>