



## Online Resume Builder

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### Abstract

A resume is a formal document used by individuals to provide an overview of their professional qualifications, including their relevant work experience, education, skills and other accomplishments. A well-designed resume is an essential document which enables an individual to showcase their skill sets & qualifications during the recruitment or hiring process. Therefore, it is a widely used item that a jobseeker often uses in seeking employment in jobs. Usually, individuals get confused while creating a resume. They don't have a clear idea of what kind of details should be included in a resume. In a resume builder, individuals just have to fill their details in the respective fields which will automatically generate a well-structured resume for them. This project not only focuses on resume creation but also enables easy input giving for the user by a smart auto-suggestion feature. And also, users can review their resume with real-time preview features. For people with no idea on how to prepare a resume, we provide a best class Resume Builder for free and without any interruption like authentication, credentials, ads, etc. Users may create any kind of Resume (For example: Fresher, Professor, Veterans, etc.) with a professional & elegant look using the resume builder. Hence, an Online Resume Builder supports an individual to generate an elegant resume in an easy manner.

**Keywords:** HTML; CSS; JAVASCRIPT; NodeJS, ExpressJS; Automation

### 1. Introduction

An Online Resume Builder, is a web-based resume building tool which enables the individuals to generate a resume in an easy manner. It is a user-friendly tool which requires only minimum human intervention. Users can easily generate a resume just by filling the required fields in the given templates. It is provided with elegant themes & templates, so that users can select their desired style for a resume. It has a user-friendly UI and well-organized templates which reduce the need of thinking & designing for the users. Also, users need not worry about what fields to be included in a resume because, major fields are already included in the templates: Personal Details, Qualifications, Skillset, Area of interest, etc....

Also, users are provided with a real-time preview through which they can review how their resume looks like which ensures clarity & satisfaction for their resume. Therefore, a good user-friendly resume builder ensures a well-structured & elegant resume which is really helpful during the recruitment process of an individual. Table 1 shows the existing systems' advantages and disadvantages.

#### a. Objective

The main objective of our online resume builder is to manage time for the users by making the resume creation process easy with simple templates & options. The project is totally built at an administrative end and thus only the administrator is guaranteed access. This also consists of an auto-recommended system which really helps the user with appropriate suggestions for the respective fields in the resume. Users can also export their resume in PDF format for various purposes.

## 2. Literature Survey

Table1: Pros and Cons of Existing Systems

S. No.	Title	Author	Advantages	Drawbacks
1.	Automatic Resume Generator[1-3]	Harsha AladiB	Open Authentication API-authentication.	Difficult to authenticate and takes time for login
2.	Resume Builder[5]	Shubham Kamwal	Users have to create an account into the system by registering themselves. Then they may login into the system and can utilize services.	Creating account itself took a longtime we can make it simple by making it free of those process
3.	Analytical Resume Builder[4]	Bharti Kungawani, Anisha Manglani, Namam Dembal, HileanHirani, LaveenSawalani	It helps users to focus on content	Need to fill all details manually without recommending anything.

## 3. Implementation

### a. Existing Model:

A lot of resume builder projects developed so far include authentication processes, which require time to process, also people might face unwanted advertisement issues which might be annoying for the people who needs to create quick resume. In many of those projects, there are no appropriate template suggestions or options available for specific type of people. (i.e., If fresher need Resume, there are no pre-determined templates available for them). As a result, there are no any specific templates suggested for the diverse range of people who has different job recruitment purpose.

### b Proposed Model:

- The online resume is developed to help the job-seekers to create a professional looking resume for them.
- To begin with, the user can access the online resume builder through browser using any devices like Laptop/Mobile
- The online service is hosted using either Heroku or Netlify through which users can use the resume builder. Therefore, unlike the existing projects, this project doesn't request the user for any authentication process but focus more on quality service
- After entering the page, the user specifies what kind of resume they need (example: Freshers, Veterans, Professors, etc..).
- After selecting the type of Resume they are allowed to fill their details (For eg: Experience/Certifications/Skills/Profession).
- The inputs given by the user are then processed by the builder tool & it is rendered in their template. This is achieved by JavaScript with EJS which enables template reusability for the resume builder
- The Live preview pane shows real time preview of their resume using which users can review their resume. The tool is responsive in both Laptop & Mobile devices
- After completing the procedure, users select their desired templates.
- Finally, users can download the resume as a PDF file, which can be used anywhere

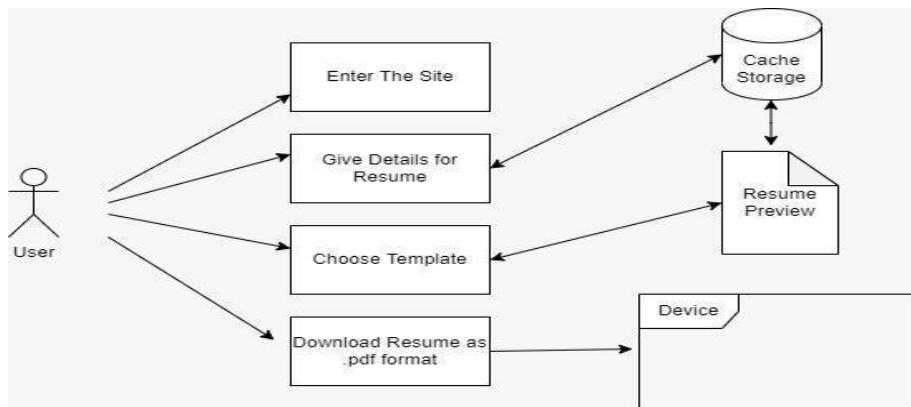


Figure1: Use-Case Diagram

4. Sample Output

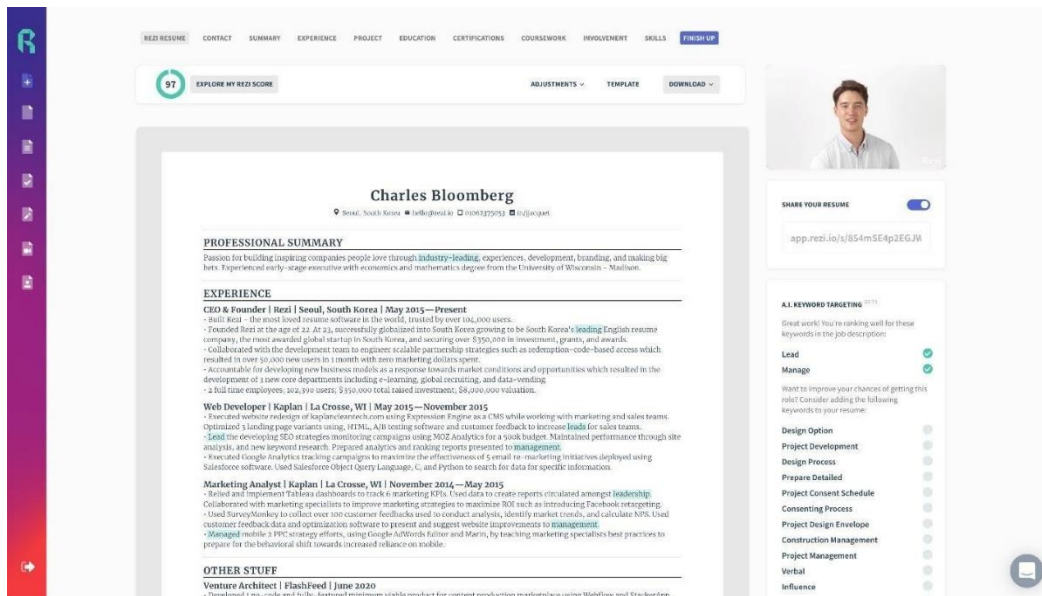


Figure2: Project Output (Sample)

5. Conclusion

The Online Resume Builder gives users the opportunity to create a resume in an easy and quick way with a user-friendly interface. In the recruitment process, it can be used by job seekers and plays a vital role. With auto-suggestions and real-time preview features, the current version of online resume builder provides all the basic functionality. A portfolio builder and a cover letter builder for resumes could be added to this project in the future. An online resume builder is one of the most useful tools for job seekers who lack time to create a resume or are unsure of the format. The proposed online resume builder model is therefore less prone to errors and easier for any person to use in job recruitment.

**References**

- [1] Automatic Resume Generator: <https://www.ijsr.net/conf/RISE2017/IJSR15.pdf>
- [2] Introduction to Oauth, Available FTP: <https://www.digitalocean.com/community/tutorials/anintroduction-to-oauth-2>, Oauth, Available FTP: <http://pages.apigee.com/rs/apigee/images/oauth-ebook201202.pdf>
- [3] Software Development Kit, Available FTP: [https://en.wikipedia.org/wiki/Software\\_development\\_kit](https://en.wikipedia.org/wiki/Software_development_kit)
- [4] KaiHwang, "Trusted Cloud Computing with Secure Resources", IEEE Internet Computing (Volume:14,Issue:5,Sept.-Oct.2010)
- [5] K. Sridharan, and Dr. M. Chitra "SBPE:A paradigm Approach for proficient Information Retrieval, Jokull Journal", Vol 63, No.7; Jul 2013.
- [6] M. Sumithra and Dr. S. Malathi, "Segmentation Of Different Modalities Using Fuzzy K-Means And Wavelet ROI", International Journal Of Scientific & Technology Research, Vol.8, Issue 11, pp.996-1002, November 2019.
- [7] B. Buvaneswari and Dr. T. Kalpalatha Reddy, "High Performance Hybrid Cognitive Framework for Bio-Facial Signal Fusion Processing for the Disease Diagnosis", Measurement, ISSN:0263-2241, Vol.140, Pp.89-99, 2019.
- [8] M. Sumithra and Dr. S. Malathi, "A Brief Survey on Multi Modalities Fusion", Lecture Notes on Data Engineering and Communications Technologies, Springer, 35, pp. 1031-1041, 2020.
- [9] K. Sridharan, and Dr. M. Chitra " Web Based Agent And Assertion Passive Grading For Information Retrieval", ARPN Journal of Engineering and Applied Sciences, VOL. 10, NO. 16, September 2015, pp:7043-7048
- [10] K. Sridharan, and Dr. M. Chitra, "Proficient Information Retrieval Using Trust Based Search On Expert And Knowledge Users Query Formulation System", Australian Journal of Basic and Applied Sciences, 9(23) July 2015, Pages:755-765.
- [11] K. Sridharan, and Dr. M. Chitra "RSSE: A Paradigm for Proficient Information Retrieval using Semantic Web", Life Science Journal 2013; 10(7s), pp:418-425
- [12] P. Kavitha, R. Subha Shini, R. Priya, "An Implementation Of Statistical Feature Algorithms For The Detection Of Brain Tumor", Journal of Cognitive Human-Computer Interaction, 2021, DOI: <https://doi.org/10.54216/JCHCI.010202>.
- [13] Sonia Jenifer Rayen, "Survey On Smart Cane For Visually Impaired Using IOT", Journal of Cognitive Human-Computer Interaction, 2021, DOI: <https://doi.org/10.54216/JCHCI.010205>.
- [14] Ajith Krishna R, Ankit Kumar, Vijay K, "An Automated Optimize Utilization of Water and Crop Monitoring in Agriculture Using IoT", Journal of Cognitive Human-Computer Interaction, 2021, <https://doi.org/10.54216/JCHCI.010105>.
- [15] Ashok Kumar M, Abirami A, Sindhu P, Ashok Kumar V D, Rani V, "Modern Medical Innovation on the Preferred Information about the Medicine using AI Technique", Journal of Cognitive Human-Computer Interaction, 2021, <https://doi.org/10.54216/JCHCI.010102>.
- [16] Mrs. K. Kiruthika, Ms. S. Gayathri, Ms. R. Hemalatha, Ms. P. Menaga, "Design and Development of Mobile Healthcare Application for "Ayurvedic" based Clinical Documents", Journal of Cognitive Human-Computer Interaction, 2021, <https://doi.org/10.54216/JCHCI.010103>.
- [17] Vijay K, "Collaborating The Textual Reviews Of The Merchandise and Foretelling The Rating Supported Social Sentiment", Journal of Cognitive Human-Computer Interaction, 2021, DOI: <https://doi.org/10.54216/JCHCI.010203>.