

PROJECT REPORT ON  
**“Resume Builder using Laravel - MakeMyCV”**

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## **ABSTRACT**

Online Resume Builder is an application that simplifies the task of creating a resume for individuals. User have to register on the system to generate the resume. The online Resume builder project in php source code is flexible to be used and reduces the need of thinking and designing an appropriate resume according to qualifications. The system is developed to provide an easy means for creating a professional looking resume. Individuals just have to fill up the forms provided in each section that specifies questions from all required fields such as personal profile, educational qualifications, skills, projects and so on. The answers provided by the users are stored and the system automatically generates a well-structured resume. Users can see preview of their resume after filling up the details and they can download their resume in pdf format.

### **Objectives of the project Online Resume Builder:**

- Provides instant resume to individuals.
- Reduces tedious work in thinking and creating resume.
- More Convenient for users.
- Provides a variety of templates.
- Provides quick access and is affordable.
- The system saves time and reduces human efforts.

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# **INTRODUCTION**

## **PROJECT BACKGROUND:**

A resume is an important tool for one's job search because it offers a page or two where one can display his/her top skills and qualities. However, a resume is much more than that. Resumes help employers make hiring decisions and help one get his/her first interview. That's why it matters how one structure his resume and what information one decides to include.

Employers use resumes to get a deeper understanding of candidate skills, strengths and experience. One's resume should reflect achievements, awards, education, experience and any other outstanding accomplishments that align with one's career path and goals. A resume is one's first point of contact with the employer and sets the tone for subsequent steps such as first interview, second interview, pre-screening and onboarding.

A well-structured resume highlights one's most attractive skills and experience to potential employers. This allows them to move forward with the best candidate. It can be daunting to create a well-structured professional resume, but with the help of a professional resume builder, one can get a perfect resume that can catch the eye of the recruiter and it will also increase the chances of getting selected for the job that one has been aiming for.

## **Benefits of using a CV Builder (Resume builder):**

- Making one's CV consistent and well-structured.
- Instant customization
- A CV Builder helps to focus on important content.
- Easy to use.
- Saves time.
- Information accessible anywhere anytime

## **SOFTWARE REQUIREMENTS AND SPECIFICATIONS**

The purpose of this project is to provide a well-structured professional resume to the user by getting their personal details, education history, work history, skills through forms under each section and then storing it in a database to make it available for future use. Then they can download their resume in pdf format.

This project has been developed using the following software and technology.

### **Software**

- **Code Editor - Visual Studio:** It is used for editing the source code of computer programs.
- **Laravel:** It is a web application framework with expressive, elegant syntax. It is primarily used for building custom web apps using PHP and mainly used for purposes like routing, templating and authentication. Laravel version 8 is used for this project.
- **Laragon:** It is used for building and managing modern web applications and it provides the database and server.
- **Cmder:** It is a console emulator for Windows used for working on the command line.

### **Technology**

- **HTML:** Page layout has been designed in HTML.
- **Bootstrap and CSS:** Used for the designing part.
- **PHP:** All the frontend logic has been implemented in PHP.
- **JavaScript:** Validation task and animations has been developed by JS.
- **MySQL:** MySQL database has been used as the database for the project.
- **Apache2:** Project will be run over the Apache2 server.

This project can also be run on XAMP, WAMP or MAMP servers.

## **PROJECT PLAN**

The major aspect of the project is to develop a multipage responsive resume builder website capable of getting the details from the user and storing it in a database. Also focused on providing a well-structured resume template for the user to showcase their skills and experiences in an engaging manner. The website building process is carried out following the solution strategies stated before.

A detailed study on how a resume should look like and how to highlight the necessary details to make it catchy for the employer and what are all the details can we get from the user was conducted as an initial step. Then the study on how to make the website easily accessible for the user and how to make it adaptable for any kind of devices has been carried out.

As a result of those studies, we came up with the idea of developing a web application using the Laravel framework. And we got an idea to get the user details through separate forms by creating separate sections like heading, education, experience, projects, skills and certifications then with the help of Laragon we stored them in the database. Laravel has made routing, authentications easy and simple.

Finally putting all the ideas together, we started developing a resume builder website with the thought of making it responsive, easily accessible, simple and more engaging to the users.

## **IMPLEMENTATION**

The Resume builder website named “MakeMyCV” has been developed using Html, bootstrap, CSS, PHP, JS, MySQL database and Apache server.

Laravel takes the pain out of development by easing common tasks used in the project, such as:

- Simple, fast routing engine.
- Powerful dependency injection container.
- Multiple back-ends for session and cache storage.
- Expressive, intuitive database ORM.
- Database agnostic schema migrations.
- Robust background job processing.
- Real-time event broadcasting.

### **The Website will have**

- Home page with good UI.
- Dashboard for user login and register.
- Main Page for collecting user details. It will have navigation for each section like heading, education, experience, skills, projects, certifications. Under each section, there will be a form for collecting respective details with an edit and delete button to make changes.
- The Preview button will open the modal which will show the preview of the resume with the collected details.
- The Template switching buttons at the bottom of the modal to choose a template that suits well for the user details.
- The download button at the bottom of the modal to download the resume in PDF format.

## **CONCLUSION**

As an overall conclusion, we developed the resume builder website with all the basic features and with a good-looking user interface. This internship has provided us a great opportunity to put our knowledge and skills on a project to come up with a well-structured resume builder website. Throughout this project, we learnt many new things about coding and web application development. Though the internship was through online mode the mentor was interactive and guided us throughout the project. This internship has ignited our interest in web application development. And we hope the skills that we have learnt through this project will be more helpful in our future projects.

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