SYNOPSIS

Report on

<<Resume Builder Web Application>>

by

<<Yukta Pal>> <<2200290140189>>
<<Simran Juneja>> <<2200290140152>>
Session:2023-2024 (III Semester)

Under the supervision of

Dr. Amit Kumar

KIET Group of Institutions, Delhi-NCR, Ghaziabad

Department Of Computer Applications
KIET GROUP OF INSTITUTIONS, DELHI-NCR,
GHAZIABAD-201206
(2023-2024)

ABSTRACT

The Resume Builder Website is a user-centric online platform designed to empower job seekers in creating compelling and professional resumes effortlessly. Rooted in web technologies such as HTML, CSS, JavaScript, and Firebase, this platform offers an intuitive and accessible interface. Users can seamlessly register, log in, and access a suite of powerful resume-building features .Our website provides an editor complemented by an array of customizable templates, enabling users to craft resumes tailored to their unique career aspirations. The Preview and Export functionality grants users real-time previews of their resumes, ensuring visual appeal and content accuracy. Additionally, users can effortlessly download their resumes in multiple formats, including PDF and DOCX, catering to the diverse requirements of employers and application processes. The platform's user-friendly dashboard empowers users to manage and organize multiple resumes conveniently, keeping a comprehensive record of their job-seeking journey. Moreover, privacy settings and data security measures prioritize the confidentiality of user information. Incorporating a robust support system, the website offers user support and a comprehensive help center. Users can gain valuable insights into their resumes through resume analytics, allowing them to refine their job application strategies. The Resume Builder Website stands as a testament to the fusion of modern web technologies with user-centric design, fostering the professional growth and career success of job seekers in today's competitive job market.

TABLE OF CONTENTS

INTRODUCTION

In today's competitive job market, crafting the perfect resume is essential for landing your dream job. Resume builder platform is your go-to web application designed to simplify the resume creation process and give you the tools needed to stand out. With Resume builder

platform, you can effortlessly create, edit, and fine-tune your professional resume. Our user-friendly interface provides an editor and a rich selection of customizable templates, ensuring that your resume reflects your skills and experiences flawlessly. Worried about content? Our content suggestion engine offers guidance for each section, and our real-time preview feature lets you see your resume taking shape as you type. Once you're satisfied with your resume, Resume builder platform allows you to download it in various formats for maximum compatibility with employer systems.

Managing your job applications is simplified with our intuitive dashboard, where you can easily organize multiple resumes and track your application history. Your privacy and security are our top priorities, and you have full control with our privacy settings to determine who has access to your resume. Should you ever need assistance, our user support and comprehensive help center are readily available. Y]. Start your journey with Resume builder platform today, and empower yourself to create a winning resume that opens doors to your career aspirations.

Objective:

At Resume builder platform, our mission is to revolutionize the job-seeking experience by providing a comprehensive, user-centric, and privacy-focused platform for crafting exceptional resumes. We understand the challenges individuals face in today's competitive job market, and our objective is to empower them with the tools and resources they need to succeed.

Key Features:

•   **Intuitive Resume Building:** We offer a seamless resume-building experience with our editor. This means you can see your resume taking shape in real time as you edit it.

•   **Customizable Templates:** Choose from a diverse range of customizable templates to create a resume that reflects your unique skills and experiences. Our templates are designed to make you stand out.

•   **Preview and Download Options:** Preview your resume before finalizing it and then download it in various formats (PDF, DOCX, etc.), making it compatible with different employer systems and preferences.

•   **Dashboard for Management:** Manage multiple resumes with ease using our intuitive dashboard. Keep track of your application history and customize each resume for different opportunities.

•   **Privacy and Data Security:** We prioritize your privacy and data security. Our robust privacy settings give you full control over who can access your resume and personal information.

•   **Support and Guidance:** If you ever need assistance, our user support team is ready to help. We also provide a comprehensive help center filled with resources and tutorials.

Modules of Online Resume Builder:

User Management Module:

- User Registration
- User Login
- User Profiles

Resume Creation and Editing Module:

- WYSIWYG Editor
- Resume Templates
- Content Suggestions

Preview and Export Module:

- Real-time Preview
- Download in Multiple Formats

Dashboard and Resume Management Module:

- Resume Dashboard
- Manage Multiple Resumes
- Application History

Privacy and Security Module:

- Privacy Settings
- Data Security Measures

Support and Help Module:

- User Support System
- Comprehensive Help Center

Feedback and Reporting Module:
- User Feedback
- Issue Reporting

- Admin Interface

Hardware Requirements for a Resume Builder Web Application

S.No.	Description
1	PC or Laptop
2	Hard Drive
	- 32GB minimum ,recommended 64GB or more
3	RAM (Memory)
	- 2 GB or more (for smooth usage)
4	Processor
	- Modern processor (e.g., Intel Core i3 or equivalent)

Software Requirements for a Resume Builder Web Application

Web Browsers	- Google Chrome, Mozilla Firefox, Microsoft Edge, Safari
Code Editor	- Visual Studio Code, Sublime Text, Atom, etc.
Firebase Account	- Firebase project and account
Operating System	- Windows, macOS, Linux (suitable for web development)
Text Editors	- Notepad, TextEdit (for content creation)
Browser Developer Tools	- Familiarity with browser developer tools

Functional Requirement

User-Friendly Interface:

- The website's interface shall feature an intuitive and user-friendly design.
- It shall offer easy navigation, ensuring that users can effortlessly access and utilize all resume-building features.
- The interface shall be visually appealing and responsive across various devices and screen sizes.

Resume Creation and Editing:

- Users shall be able to create, edit, and customize their resumes using an interactive and easy-to-use resume builder tool.
- The application shall provide user-friendly forms and input fields for   adding personal information, work experience, education, skills, and other   relevant resume details.

- It shall allow users to save and update their resumes over multiple sessions, ensuring flexibility in the editing process.

Real-Time Preview:

- The website shall offer a real-time preview feature that displays users' resumes as they make edits.
- Users shall be able to visualize how their resumes will appear to potential employers in real-time.
- The preview shall update automatically as users input or modify information.

Download in Multiple Formats:

- Users shall have the option to download their resumes in multiple formats, including PDF, Word document (DOCX), and plain text (TXT).
- The download feature shall ensure that the formatting and content of the resume are accurate and consistent across all selected formats.
- Each download format shall be clearly labeled and accessible to users.

User Profiles:

- Users shall be able to create and manage profiles within the application.
- The profile functionality shall allow users to save and store multiple versions of their resumes.
- Users shall have the capability to customize each resume version to suit different job applications.

Privacy and Security:

- The application shall implement robust data security measures to protect user data and personal information.
- Users' resumes and sensitive data shall be encrypted and stored securely.
- Privacy settings shall be available, allowing users to control the visibility of their resume data.

Responsive Design:

- The website shall be designed with responsive web design principles to ensure optimal usability on desktop computers, tablets, and smartphones.
- All features and content shall adapt to various screen sizes and orientations, providing a consistent user experience.

Help and Support:

- • . A comprehensive help center shall be available to assist users in using the application effectively.
- • The help center shall include frequently asked questions (FAQs), tutorials, and user guides.
- • Users shall have access to customer support contact options, such as email or chat, to seek assistance or report issues.

Non-functional requirements

Non-functional requirements for the "Resume builder Web Application using HTML, CSS, Bootstrap, and JavaScript" project specify the quality attributes and constraints that govern the application's performance, security, and usability. Here are the key non-functional requirements:

Performance:

The application should respond to user requests quickly, with minimal latency.

It must handle a large number of concurrent users without significant performance degradation.

Security:

Implement robust security measures to protect user data, including encryption for data in transit and at rest.

Ensure secure user authentication and authorization mechanisms.

Scalability:

The application should be scalable to accommodate a growing user base and increased data loads.

Scalability should be achieved through load balancing and server resource management.

Reliability:

The application must be highly reliable, with minimal downtime and high availability.

Regular backup and disaster recovery mechanisms should be in place.

Usability:

The user interface should be intuitive and easy to navigate, catering to users of all technical backgrounds.

Accessibility features should be included to ensure usability for individuals with disabilities.

Compatibility:

The application should be compatible with a wide range of web browsers, including Chrome, Firefox, Safari, and Edge.

Mobile responsiveness is essential for compatibility with various devices.

Data Accuracy and Integrity:

Data validation and verification mechanisms should be in place to maintain data accuracy.

Ensure data integrity during data transmission and storage.

Project Outcome

•   **User-Friendly Interface:** The web application will have an intuitive and user-friendly interface that allows users to easily navigate and create their resumes. It will provide a smooth and efficient user experience.

•   **Resume Creation and Editing:** Users will have the ability to create, edit, and customize their resumes within the application. They can add personal information, work experience, education, skills, and other relevant details.

•   **Real-Time Preview:** Users can see real-time previews of their resumes as they make edits. This feature helps users visualize how their resume will appear to potential employers.

•   **Download in Multiple Formats:** Users will have the option to download their resumes in various formats, such as PDF, Word document, or plain text, making it easy to share their resumes with employers.

•   **User Profiles:** Users can create profiles within the application to save and manage multiple versions of their resumes. This feature allows users to tailor their resumes for different job applications.

•   **Privacy and Security:** The application will prioritize the privacy and security of user data. Users' personal information and resumes will be stored securely, and privacy settings will be available.

•   **Responsive Design:** The web application will be designed to be responsive, ensuring that it works well on various devices, including desktop computers, tablets, and smartphones.

•   **Help and Support:** Users will have access to a help center or support resources to assist them in using the application effectively. This may include FAQs, tutorials, and customer support contact options.