RESUME BUILDER

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Introduction

Resume Builder is an app that makes building a resume easy, efficient, and quick, giving even the most inexperienced users the chance to create a successful resume. It helps users personalize their resume by first asking about their education level and the job they're applying for. Once selected, the app displays the necessary fields to produce a complete resume. Each field explains why it's required, helping users not only build their resume but also learn from it. After entering all the information, users can choose from templates commonly used in their selected job. With one click, they can download their resume in PDF format. This app simplifies the resume-building process in three simple steps while teaching users what goes into a strong resume.

Problem Description

Many job seekers struggle to create professional resumes, as existing tools are often outdated, complex, or costly. Interns and job seekers need a free, easy-to-use resume builder to compete in a tight job market. With rising demand for recruitment technology, companies are investing heavily in hiring and resume-screening tools. However, most platforms charge fees or limit access. Our solution aims to remain free through a university partnership. Users need a simple, intuitive tool that ensures resumes are customizable, professional, and ATS-compliant—without financial or technical barriers.

Software and Tools

In this project, OutSystems was used as the primary platform to visually design and build the resume builder application using its reactive web framework. JavaScript was integrated to handle the conversion of the final resume into a downloadable PDF format. Python supported the development process by assisting in the creation of dynamic resume templates. HTML was used to customize the structure of the documents and templates, while CSS helped style and format the application interface and folders for a clean, user-friendly experience. Although C# was not directly used in development, it underpins OutSystems' server-side logic, ensuring smooth execution of business processes.

User Interface

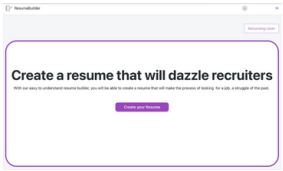

Figure 1: Home Page

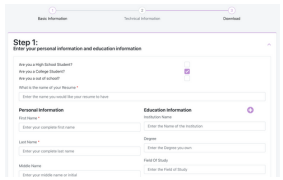

Figure 2: First step of Resume Builder

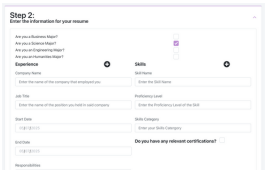

Figure 3: Second step of Resume Builder

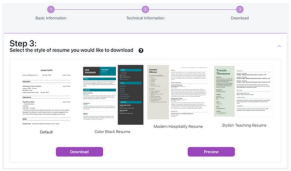

Figure 4: Third step of Resume Builder

Diagrams

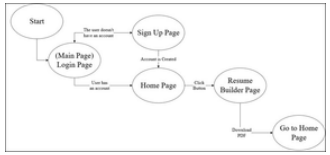

Figure 5: User Interface

Figure 5: Database Diagram

Future Work

- Implement a fully functional sign-up screen
- Integrate access to Indeed or LinkedIn to simplify the user process
- Add more resume templates to cater to a wider range of jobs and industries
- Simplify the resume builder by adding a career dropdown to auto-customize fields based on the selected position
- Use artificial intelligence to intelligently customize the resume-building process for each user

Conclusion

The Resume Builder application aims to bridge the gap between job seekers and professional opportunities by offering a tool that is both accessible and effective. Many individuals, especially students and interns, face challenges in creating resumes that are polished, tailored, and applicant tracking system (ATS)-friendly. This platform simplifies that process by guiding users through a structured, step-by-step experience that not only builds resumes but also educates them on what makes a strong resume. With plans to expand features, integrate AI-driven customization, and connect with platforms like LinkedIn and Indeed, the Resume Builder is designed to grow alongside the evolving job market. Its intuitive interface, flexible templates, and focus on usability position it as a valuable resource for anyone entering the workforce or seeking career advancement. Through continuous improvement and user-centered design, this project has the potential to make resume creation easier, smarter, and more inclusive for all.

References and About Us

References

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