MyCoverKraft.ai*

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ABSTRACT

In recent times, applying to the right job with the right skills is extremely essential. For this, crafting a good and relevant cover letter will increase the chances of a candidate's application to even be considered in a pool of applications. Either a candidate has to be exceptional in writing or rely on an external source to draft a cover letter. Most AI generated drafts are generic and store sessions and only rely on skills to create a cover letter. They lack context, information, and creativity. One of the most popular text generators, ChatGpt may sometimes lack personalisation and takes several attempts and more time to get better results with better prompts. With our project, we intend to aid candidates in getting their dream jobs by providing them with the best cover letter for a specific job posting with minimum hassle.

INTRODUCTION

Having a good cover letter is essential for when a candidate applies for jobs. It not only boosts their confidence but also gives an edge to the candidate's profile by helping them catch the recruiter's eye in a pool of applications. There are numerous websites that solve this purpose of generating a cover letter with respect to a person's skills, however, in more than one case it has been noticed that the cover letter templates are generic, the data is stored and just a few placeholders are changed depending upon a candidate's input.

Through this project we intend to address the issue of cover letter builders not delving and giving importance to a candidate's work experience, skillsets and how they've utilized their skills to solve a particular business or real world problem, which could result in cover letters that do not make a lasting impression on potential employers and hiring managers.

For example, if we consider a developer who is an expert in Machine Learning and Artificial Intelligence(AI), he/she/they would want to include their experience and the business problems they've solved with their skillset. However these generic templates may not help in elaborating the developer's passion for AI research or their specific achievements in that field, such as developing a groundbreaking recommendation algorithm that increased user engagement by 30%.

In this scenario, our solution would involve creating a cover letter builder that comprehends the intricacies of different fields and professions. It would provide industry-specific tailored prompts and build a cover letter for the users to express their unique qualifications, experiences, and ambitions in a manner that resonates with prospective employers in their respective domains. By delving deep into the individual nuances of each career path, our cover letter builder aims to empower job seekers to craft persuasive, personalized cover letters that significantly enhance their prospects of securing interviews and landing their desired positions.

Our Web Application, called 'MyCoverKraft.ai' will take the candidate's resume and the target job description's link as input. It will parse it, connect the dots and create a comprehensive, relevant and persuasive cover letter.

REFERENCES

[1] NIH. Guide to Cover Letters. NIH, 2021.
[2] Dinesh Kalla, Doctoral Candidate, North Carolina, Nathan Smith, and Doctoral Candidate. Study and Analysis of Chat GPT and its Impact on Different Fields of Study. International Journal of Innovative Science and Research Technology, 8, 2023.
[3] Brady D. Lund, Ting Wang, Nishith Reddy Mannuru, Bing Nie, Somipam Shimray, and Ziang Wang. ChatGPT and a new academic reality: Artificial Intelligence-written research papers and the ethics of the large language models in scholarly publishing . Journal of the Association for Information Science and Technology, 74, 2023.