

A Technical Overview of LLM-Powered Cover Letter Generation

Authors : Shivani Dinkar Patil, Shirlene Rose Bandela, Revati Vikas Bhavsar, Venkata Chaitanya K., Aryan Agrawal

Abstract : This project outlines a significant challenge in the job application process: crafting a compelling and relevant cover letter. It highlights the limitations of existing AI-generated cover letter drafts, noting their generic nature and lack of personalization. This project aims at aiding candidates in securing their dream jobs by generating the best possible cover letter tailored to a specific job posting. This is achieved with minimal hassle, leveraging AI technologies to enhance personalization and context. The project distinguishes itself by focusing on the candidate's unique qualifications and experiences, ensuring the cover letter resonates with potential employers and stands out in a pool of applicants.

Keywords : large language models, NLP, software engineering, prompt engineering

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