AMAN ZAVERI

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Dear Hiring Manager,

I am writing to express my enthusiastic interest in the AI Engineering (Co-op) position at YouWoAI, as advertised. The opportunity to contribute to a company at the forefront of AI-driven educational tools deeply resonates with my passion for innovative technology and its practical applications. Your mission to transform data into actionable knowledge is truly inspiring, and I am eager to apply my skills to support this vision.

My experience aligns strongly with the requirements outlined in the job description. For instance, I have a proven track record in end-to-end feature implementation, having built a real-time React analytics platform with Flask and PostgreSQL. This involved designing the user interface, integrating with APIs, and managing data storage â€" skills directly transferable to the role's responsibilities. Furthermore, my expertise in building real-time course notifiers with FastAPI, AWS Lambda, and DynamoDB demonstrates my proficiency in constructing robust, scalable backend systems, which will be essential for integrating LLMs and managing data pipelines. My ability to build full-stack platforms with Next.js, Prisma, and PostgreSQL with multi-profile management will enable me to seamlessly integrate UI components, APIs, and data stores.

Moreover, I am particularly drawn to the emphasis on LLM integration and RAG pipelines. My work architecting a serverless backend with caching and concurrent optimization, which boosted search speed by 40%, has provided me with a strong foundation in optimizing retrieval processes. In addition, I have hands-on experience in building systems that enhance engagement, as evidenced by my prototyping of LLM features for personalized alerts and semantic course matching. I am confident that these experiences, combined with my dedication to creating impactful solutions, make me a great fit for the AI Engineering (Co-op) role. I am excited to contribute to the success of YouWoAI.

Aman Zaveri