Dear Hiring Manager,

I am writing to express my enthusiastic interest in the Senior Applied Scientist, Generative AI role at Microsoft AI. My extensive experience in designing and building large-scale, multimodal data pipelines for LLM pretraining, combined with my hands-on experience with Microsoft's Phi-3 model, makes me a strong candidate for this position.

At SpaceKnow Inc., I led the development of a distributed data pipeline for LLM pretraining, processing terabytes of text and image data. This experience has given me a deep understanding of the challenges involved in building and maintaining the infrastructure required to support large-scale AI models. Furthermore, my work on the open-source project `CinderellaAI` demonstrates my ability to build end-to-end generative AI systems, from speech-to-text and text-to-speech to local, on-device inference with Microsoft's Phi-3 model.

I am particularly excited by the opportunity to contribute to the development of generative AI at Microsoft and am confident that my skills and experience would be a valuable asset to your team. My resume is attached for your review, and I look forward to the opportunity to discuss my qualifications with you further.

Sincerely, Pavel Machalek