Dear Hiring Manager,

I am writing to apply for your company's Machine Learning Engineer Internship. With my strong Python programming skills and relevant mathematical background, I can contribute to ideation, prototyping, modeling, and inferencing pipelines.

I have demonstrated expertise in machine learning and data analytics in my previous roles. For example, I achieved a 90%+ identification rate in machine learning segmentation using Keras with self-generated training and testing datasets. To accomplish this feat, I utilized parallel computing techniques to optimize the code to work on multiple GPUs simultaneously - cutting the original time by more than 60%. Additionally, I have worked on large language model projects such as the META llama project to mitigate bias and toxicity.

My experience also includes developing scalable databases capable of ETL processing using SQL and Spark. I have optimized SQL queries and data transformations, resulting in a 35% improvement in query performance. Furthermore, I have contributed to developing data lake architecture using AWS services like S3, Redshift, Glue, and Athena.

I am customer-focused and dedicated to delivering solutions that meet the needs of internal or external customers. Furthermore, I value inclusivity and innovation in the workplace. In addition to my technical skills, I am also a collaborative team player who enjoys working closely with associates to gain cutting-edge technical and business knowledge.

Thank you for considering my application. I look forward to discussing how I can contribute to your team.

Sincerely,

Kiran Sandilya.