To Whom It May Concern:

I am writing to suggest Monisha Gopalan for a position as junior data scientist within your esteemed asset management team. As industrial advisor, I have had the pleasure of witnessing her growth and development in the fields of deep learning applied to portfolio optimization during her internship at Ipazia.

Monisha is not only a dedicated and motivated individual but also possesses a unique blend of skills and experiences that make them an excellent fit for the challenging role in your organization. She started the internship with us with a profound background in statistical physics and a master thesis in Padova physics department with one of the leading Italian researchers in statistical mechanics.
We worked together on an innovative deep-learning based model for portfolio selection, obtaining truly remarkable results for long-only asset allocation blending prices and returns into a model resembling modern language models.

During her internship, she has built a notable strength in practical application of deep-learning techniques for portfolio optimization. At the same time, she developed familiarity with the main concepts and metrics of portfolio optimization, the mathematical problems with returns and covariance estimation together with an array of possible solutions, bridging results from research to practice.
I strongly believe her enthusiasm for embracing new challenges and her adaptability is truly commendable. She independently prepared for the internship studying a lot of finance related material, hence stretching well beyond her comfort zone and initial academic preparation.

I believe that what set Monisha apart is her genuine curiosity to learn and explore new domains. This is particularly evident in their aspiration to apply complex deep-learning methodologies to the field of asset management. Moreover, she has expressed a keen interest in contributing their skills to a team of talented individuals, emphasizing collaboration and a collective pursuit of excellence.

Importantly, she approaches her work with humility and a recognition of the continuous learning curve in the dynamic field of data science. I am confident that Monisha would be a valuable asset to your team, bringing not only technical expertise but also a positive attitude and a strong commitment to professional growth.

In conclusion, I wholeheartedly recommend Monisha for the Data Science position at your company. I am truly confident that their passion for applying cutting-edge technologies to asset management, combined with their eagerness to collaborate and learn, will make them a valuable contributor to your organization.

If you require any additional information, please feel free to contact me.

Sincerely,
Carlo Nicolini, PhD
Senior AI Scientist