



### To Whom It May Concern

It is with great pleasure that I endorse Mahesh Yadav Udutha application to the position Data Scientist (**IT-GOV-INN-2024-182-GRAE**).

I am a full professor in Computer Science at Sapienza University of Rome and formerly director (during 2020 – 2023, now acting as vice-director) of the BSc Degree in Computer and Control Engineering, MSc Degree in Engineering in Computer Science and MSc Degree in Artificial Intelligence and Robotics. In such a context, I have known Mahesh Udutha for a few years and had the opportunity to interact with him firstly (i) as a student of my courses, and then (ii) as a thesis advisor and overall (iii) all along his career.

As the director of the degrees, I can affirm that Mahesh Udutha is one of our good students. He is a passionate and dedicated individual driven to make a positive change in the team he works on. I witness how he overcame obstacles in the development of his tasks, worked seamlessly with his team, and took ownership of his projects. He tirelessly researches and deploys the best solution for the issue at hand, always proposing new ideas for improvement. This is specifically true during his thesis, in which he worked on applying LLMs to the semi-automatic generation of SDNs – Software-defined Networks. It is worth mentioning LLMs are currently an AI-technology based on the adoption of big data technologies and approaches (for the training of new models). Moreover, in his career during our degree, he acquired expertise in deep learning, and for sure has some knowledge of transformers-based architectures. He is fluent, English, I think he has no expertise in French.

He is a humble and tenacious student that is deeply committed to helping others and advancing science. I am proud of his journey and I believe that your position will give him the connections and resources needed to have an even more impactful future.

A handwritten signature in dark ink, reading "Massimo Mecella".

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