

# Embodied AI / Data Engineer

## Job Description

We are looking for a highly skilled and self-driven **AI Engineer** to take full ownership of new and exciting products within our portfolio. This is a unique opportunity to lead the development of an embodied AI data capture solution from the ground up. Spanning data science, software, hardware, and systems integration.

As an **AI Engineer**, you will be responsible for the design, development, and delivery of this product. You'll work closely with our multidisciplinary teams, where you will have the sole responsibility developing our Robotic & embodied AI data collection pipeline.

## Your Responsibilities

- Research and prototype a framework to capture human interaction data.
- Build robust data collection pipelines for training and evaluation.
- Integrate human motion capture data with robotic systems in real time.
- Develop machine learning models for motion retargeting and behaviour prediction.
- Own the full product lifecycle: architecture, prototyping, testing, and deployment.
- Collaborate with internal teams to align product development with company goals.
- Optional: Design and implement control systems for robotic arms and hands.

## Our Ideal Candidate

- Master's degree in AI, Data science Robotics, Mechatronics, Computer Engineering, or a related field.
- 3+ years working experience or PhD.
- Experience with C++, ROS2, ISAAC Sim. And AI/ML tools such as TensorFlow and PyTorch.
- Mathematical experience in coordinate translations, quaternions, inverse kinematics.
- Proficiency in machine learning, especially in motion analysis or control optimization.
- Skilled in building data pipelines and working with large sensor datasets.
- Ability to work independently and take full ownership of a product.
- Optional: experience in robotics system design and control.

## We Offer

- A full-time job (40h, 1fte).
- A salary of €4.000,- / €7000,- a month (depending on experience).
- Holiday allowance of 8% (based on yearly income).
- Commuting allowance.
- Freedom in scheduling your work hours.
- Hybrid working, minimum of 3 days at the office.

If you are interested in this position or feel you can contribute in another way to our company, feel free to send an application to [jobs@manus-meta.com](mailto:jobs@manus-meta.com). Make sure to add a recent C.V. and motivational letter to your application, including your contact information.