

# Senior Embedded Software Engineer

Are you a talented and passionate software engineer eager to work on groundbreaking technologies? Do you want to be part of a team that is shaping the future of VR, AI, and Robotics? MANUS Technology offers you the opportunity to make a significant impact as a Senior Embedded Software Engineer.

## Job Description

As a Senior Embedded Software Engineer, you will work together with a bright team of engineers. You will have full responsibility for your own projects; you are expected to work independently and manage your time efficiently. You can identify risks that may threaten deadlines and are able to escalate to the right people. You work under the Embedded Team Manager.

Furthermore, your teammates can always come to you with questions and to discuss possible hold-ups. You also work together with the QC department to maintain the software used for our in-house production.

## Your Responsibilities

- Designing and improving complex firmware architectures
- Documenting and testing the required software specifications
- Experience with unit testing and integration testing
- Own end-to-end root cause analysis across the hardware/firmware boundary
- Coaching junior/medior engineers
- Plan, lead and execute small to mid-size projects in the mechatronics domain

## Our Ideal Candidate

- Strong background in Computer Science, Electrical Engineering, or a related field, demonstrated through formal education or equivalent professional experience
- 8+ years of experience in the field
- Experienced in embedded C and C++
- Used to working and collaborating in multidisciplinary teams
- Excellent communication skills
- Excellent proficiency in both spoken and written English

## A Plus Would Be

- Interest in and / or experience with VR or Motion Capture
- Signal processing experience
- Experience with the following tools: Git, Jira, Confluence
- Great math skills

## What do we offer

- A competitive salary aligned with your experience and expertise.
- 27 vacation days based on a full-time working week (40 hours).
- Holiday allowance of 8%
- Modern pension.
- A warm, informal workspace within a growing organisation
- Working in a technical environment with great products and talented colleagues.
- You can join our cooking club every Thursday for lunch + playing card or board games.

## Who are we?

At MANUS, we're redefining what's possible with human-machine interaction. Our next-gen data gloves deliver ultra-precise, drift-free, and occlusion-free hand and finger tracking – capturing even the most subtle movements in real time.

Powered by an advanced EMF tracking system, our technology eliminates common issues like sensor drift and positional offset. That means seamless control, accurate spatial alignment, and zero guesswork – whether you're piloting a robot or training AI.

Our tracking data sets the gold standard for embodied AI. By giving machines access to human-level dexterity, we're enabling them to move, grasp, and interact with the world as naturally as we do.

From robotics and AI to VR, entertainment, and advanced research – the world's most innovative companies trust MANUS to help build the next generation of intelligent systems.

Are you excited about this vacancy? Get in touch with us!

You can send an email to [jobs@manus-meta.com](mailto:jobs@manus-meta.com)

Please make sure to add a recent CV and motivation letter to your application.

We can't wait for your reinforcement at MANUS!