# India Jobs Expertini®

**Technical Lead-Perception**

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Company: Novus Hi-Tech

Location: gurgaon

Category: other-general

Hiring specifications

Job Purpose: As a Perception Technical Lead, you will play a pivotal role in advancing the capabilities of our autonomous mobile robot systems. This role requires a deep understanding of computer vision, sensor fusion, and machine learning techniques to enable robots to perceive and navigate their environment effectively, as well as the ability to lead independent modules and mentor a team of engineers.

Role Expectations:

and drive the technical vision and strategy for mobile robot perception systems.

abreast of the latest advancements in computer vision, sensor technologies, and machine learning to guide the team in adopting state-of-the-art solutions.

and develop perception algorithms for mobile robots, including but not limited to object detection, localization, mapping, and sensor fusion.

software for real-time processing of sensor data, including cameras, LIDAR, and other sensors

with software and hardware teams to integrate perception algorithms into the overall robotic system.

experiments to evaluate and improve the performance of perception systems

up to date with the latest research in perception and robotics, and apply new techniques to improve system performance

structure:

will report into Software Architect MR

Stakeholders: HODs, Research/Sr. Research Engineers, technical leads
Stakeholders: Customers/Clients

## II. PEOPLE SPECIFICATIONS

Profile:Ideally ~

or Master's degree in Robotics, Computer Science, Electrical Engineering, or related field

years of experience in perception for robotics or related field

Requisites:Exposure to software development of autonomous mobile robots with manufacturing and automation domain background.

Competencies:

technical:

with control systems, sensors, and actuators.

with software development for robotic systems, including robot perception, navigation, and control.

programming skills in Python, C++, and ROS2

with computer vision algorithms, machine learning techniques, and sensor fusion

with real-time processing of sensor data

analytical and problem-solving skills

communication and interpersonal skills

to work in a fast-paced environment and handle multiple tasks simultaneously.

Preferred:

with machine learning and artificial intelligence.

of industrial automation and manufacturing processes.

with safety regulations and standards related to robotics.

behavioural:

Hi Tech way of working:  We value behaviour aligned with CCODERS

First : Operate with customer success mindset and align all our actions accordingly.

problem solving : Organisation interest supersedes individual interests; working together to solve problems effectively.

& Commitment : Going above & beyond the call of duty while also keeping up with the promises & targets under any circumstances.

Driven, First Principle : Objective Decision making based on data (Not on Hunches)

Mindset : Be open to new challenges whilst willing to step out ofcomfort zone in order to learn and grow.

& commercial orientation : Manage cost and resources to achieve business outcomes & commercial success.

Scalable Process Approach : Deploy processes that are flexible, agile and unlocks businessvalue with speed.

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