

Technical Lead-Perception

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Company: Novus Hi-Tech

Location: gurugram

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 ROS2with computer vision algorithms, machine learning techniques, and sensor fusionwith real-time processing of sensor dataanalytical and problem-solving skillscommunication and interpersonal skillsto 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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