

Job Description

AGV Technical Specialist:

Should be a Graduate/Post Graduate Engineer in Electrical/Electronics from a reputed university & possess at least 5~6 years on complete Electrical/Electronics/Navigation design including communication protocols of multi AGV. Should have knowledge on design, application of Line follower, Inductive, RFID,SLAM [LiDar] based Navigation systems. Selection, Interfacing & hands on programming of Safety PLC, PLC, Area scanners, Servo motors interface and so on pertaining to AGV. Sound knowledge in working with multi AGV design architecture. Should be able to work independently on AGV platform from Scheduling, Health monitoring, Fault management, etc.. & should have flair to indigenise as much as possible while meeting the specification and Performance. Exposure to peripheral equipment handshake from AGV would be an added advantage.

Position is based out of Bangalore and will have an excellent opportunity to grow in this domain. Candidate should be energetic and keen to adapt latest technologies in communication and interface

Responsibilities

- ❖ End – To – End responsible for the AGV design & deployment from the controls perspective
- ❖ Innovative Design thinking, transfer the taught process to any form of image/ drawing, etc,.. & develop, code, implement in software of web portal.
- ❖ Systems from requirements design to production & commercial deployment release.
- ❖ Design, develop, code, test & debug system software
- ❖ Review code & design
- ❖ Integrate & validate new product designs
- ❖ Provide post production support
- ❖ Assess third party & open source software

Desired Skills & Experience

5 to 6 years of proficient experience working in AGV design & developing. Work as a team & play a role in teambuilding. Design, Schedule, track & deliver solutions for our product.

Skilled/Expert Level development in:

- ❖ Vehicle controls design [Must to know]
- ❖ Vehicle Sensor selection, interface, Code [Must to know]
- ❖ C, C++, Python [Must to Know]
- ❖ In Vehicle Communication [Must to know]
- ❖ Vehicle to Base station communication [Must to know]
- ❖ Very Good Knowledge on Vehicle Odometer control [Must to know]
- ❖ Customer interaction & Requirement understanding [Must to know]
- ❖ BOM, Wiring Diagram, Costing [Must to know]
- ❖ Support to deploy [Must to know]
- ❖ Any one IIoT / Cloud platform exposure [Good to know]

Proficient with understanding the requirements & coming out with an layout for POC

Education

BE Mech./ BE Computer/ BS/BA or equivalent

Other Skills/Nice to Have

Skilled in development in:

- ❖ Template selection, New components creation
- ❖ Communication writing & spoken
- ❖ Similar Development Products