Lead hardware Design - JD (DJD2023016)

Roles	Lead Hardware design
Responsibilities	•Drive the hardware design process from concept to production, ensuring compliance with project requirements.
	•Oversee the creation of schematics, PCB layouts, and prototypes, and perform design reviews
	•Collaborate with cross-functional teams, including software, firmware, and mechanical design, to ensure seamless integration.
	•Identify and mitigate risks, ensuring the successful completion of hardware projects within budget and schedule constraints.
	•Communicate project status, challenges, and solutions to stakeholders regularly.
	•Lead and mentor a team of hardware engineers, providing guidance and technical expertise.
	•Foster a collaborative and innovative team environment, encouraging knowledge sharing and skill development

Category	Description
Qualifications	BE (E&C, E&E)
Experience	7+ years' experience in Electronics Engineering Design & Development, executing projects in Defence / Industrial , Healthcare, Retail Automation, etc. in Electronic Domain
Technical & Process Capabilities	• Hands on experience on Analog, Digital, Mixed Signal circuit design, development
	• ORCAD Schematic entry, layout review.
	• Analog Circuit Simulation and Design
	• Digital Electronic Designs based on Microcontroller, FPGA, Discrete & Analog IO Communication bus , Communication
	• Familiar with Electronic Hardware Design Processes, Tools, Design for Manufacturing, Suppliers, Test methodologies
	• Good understanding of software languages and integration processes.
	• Excellent diagnostic and problem-solving abilities.
	• The ability to stay up-to-date with the latest advancements in technology and design.
	• Reliability ,signal integrity ,Thermal management ,Simulations
	• Familiar with Measuring instruments
	• Communication protocols SPI, UART, I2C, wife, Bluetooth, USB, Ethernet
Behavioural	Collaborative , Capable to interact / interface with customers, cross functional team
	Self-driven
	Excellent Communication, verbal & written
	Passionate & Learning ability
Values	Accountable & Responsible
	Ethics & Integrity, Knowledge, Collaboration, Caring, Agility, Empowerment with Accountability and Sustainability
Preferred Experience, Knowledge & Attributes	Defence, Industrial , Allied domain Knowledge
	Solution / system engg capabilities
	Embedded Firmware & Software Development
	Environmental & EMI/EMC stds, MIL-std-810, JSS 55555, MIL-STD-461, CE, FCC