

Lead hardware Design - JD (DJD2025009)

Roles	Lead Hardware design
Responsibilities	<ul style="list-style-type: none"> • 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	10+ years' experience in Electronics Engineering Design & Development, executing projects in Avionics, and defence
Technical & Process Capabilities	<ul style="list-style-type: none"> • 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 networks, SOC / SOM / ASICs , RF. • 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, wifi, Bluetooth, USB, Ethernet • Display related development for avionics applications
Behavioural Capabilities	<ul style="list-style-type: none"> Collaborative , Capable to interact / interface with customers, cross functional team Self-driven Passionate & Learning ability
Values	Accountable & Responsible, Ethics & Integrity, Knowledge, Collaboration, Caring, Agility, Empowerment with Accountability and Sustainability
Preferred Experience, Knowledge & Attributes	<ul style="list-style-type: none"> 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
Compensation	Bangalore