

Sr. Engineer (hardware Design) - JD (DJD2021032)

Roles	Hardware design Engineer
Responsibilities	<ul style="list-style-type: none"> ▪ Meeting with design and engineering teams to determine hardware requirements. ▪ Collaborating with software engineers to ensure software compatibility and integration with the hardware ▪ Testing hardware prototypes and analysing and interpreting performance data ▪ Troubleshooting and diagnosing errors and suggesting suitable repairs or modifications ▪ Keeping up to date with the latest advancements in computer technology and design trends. ▪ Work closely with cross-functional team to achieve assigned project/activity targets within boundaries of
Category	Description
Qualifications	BE (E&C, E&E)
Experience	3 to 6 years' experience in Electronics Engineering Design & Development, executing projects in Defence / Industrial , Rail , Healthcare, Retail Automation, etc. in Electronic Domain
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 , ▪ Familiar with Electronic Hardware Design Processes, Tools, Design for Manufacturing, Suppliers, Test ▪ 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
Behavioural	<p>Collaborative , Capable to interact / interface with customers, cross functional team</p> <p>Self-driven</p> <p>Excellent Communication, verbal & written</p> <p>Passionate & Learning ability</p>
Values	<p style="text-align: center;">Accountable & Responsible</p> <p>Ethics & Integrity, Knowledge, Collaboration, Caring, Agility, Empowerment with Accountability and</p>
Preferred Experience, Knowledge & Attributes	<p>Defence, Industrial , Allied domain Knowledge</p> <p>Solution / system engg capabilities</p> <p>Embedded Firmware & Software Development</p> <p>Environmental & EMI/EMC stds, MIL-std-810, JSS 55555, MIL-STD-461, CE, FCC</p>