DELOPT	Job Description	Format No:HR_F_160

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

Roles	Hardware design Engineer
Responsibilities	•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	• 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, wife, Bluetooth, USB, Ethernet
Behavioural	Collaborative , Capable to interact / interface with customers, cross functional team
	Self-driven

Behavioural	Excellent Communication, verbal & written
	Passionate & Learning ability
Values	Accountable & Responsible
	Ethics & Integrity, Knowledge, Collaboration, Caring, Agility, Empowerment with Accountability and
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
Compensation	

