Lead Hardware Design-ATE - JD (DJD2025001)

Roles	**Lead Hardware design**
Responsibilities	Develop test equipment electrical, mechanical, and software specifications from test system requirements.
	Develop test equipment hardware design- review/ create test equipment design drawings, schematics, BoM and assembly instructions for ATE as per design specification
	Evaluates and provides recommendation on data acquisition systems based on the requirements
	Create/Review test engineering artifacts like Design documents, Test plan, User Manual and related documents
	Performs integration testing with test system, debugs and resolves issues
	Develop verification and validation procedures for ATE to ensure system will perform as specified to meet customer and system requirements.

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	Experience in Test equipment hardware design including component selection, review/creation of electrical drawings, schematics and assembly drawings
	Hands on experience on various test and measurement equipment like NI hardware, third party Data Acquisition Systems, DSO, DMM, Analyser, signal generators etc.
	Experience in usage of tools like AutoCAD, OrCAD, pSPICE and MS Visio
	Knowledge in communications protocols like Serial, Ethernet, CAN,1553B and ARINC
	Experience in usage of tools for configuration control and MS Office
	Ability to identify problems, support root cause analysis, and implement corrective actions
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
Compensation	