

**Product Architect- Thermal Imager - JD (DJD2022034)**

<b>Roles</b>	Product Architect- Thermal Imager
<b>Responsibilities</b>	<p>Designing and developing Thermal Imager Products TI Core/ Camera, Sighting System</p> <p>Troubleshooting and diagnosing errors and suggesting suitable repairs or modifications</p> <p>Collaborating with software engineers to ensure software compatibility and integration with the hardware components</p> <p>Keeping up to date with the latest advancements in computer technology and design trends</p> <p>Work closely with cross-functional team to achieve assigned project/activity targets within boundaries of Time, Cost and Quality</p>
<b>Category</b>	<b>Description</b>
<b>Qualifications</b>	BE (E&C)
<b>Experience</b>	12+ years' experience in developing Thermal Imager Products
<b>Technical &amp; Process Capabilities</b>	<p>Architected Thermal Imager Products (Mainly Uncooled Microbolometer) like Weapon Sights, Hand Held, Surveillance Camera, Multi camera Sight</p> <p>Experience in working on TI Working principle, domain, Trade of in lens, OLED &amp; Eyepiece &amp;</p> <p>Expert in developing solution for the requirement or usecase based on DFO, FoV, Magnification etc</p> <p>Strong Electro Optics knowledge with hands on designing camera or Video processing electronics</p> <p>Familiar with Electronic Design Processes, Tools, Design for Manufacturing, Suppliers, Test</p> <p>Proficient in Designs based on Microcontroller, Micro Processor, DSP, FPGA, Discrete &amp; Analog IO</p> <p>Communication bus, Communication networks, SOC / SOM / ASICs etc.</p> <p>Communication protocols like PPI, MIPI, SPI, UART, I2C, wifi, Bluetooth, USB, Ethernet</p> <p>Good understanding of software languages and integration processes.</p> <p>Process knowledge maturity, Awareness or exposure to AS9100 / CMMI / ISO Standards</p> <p>Complete Product Life Cycle Management. Product Certification &amp; standards</p> <p>Assist in performing strategic planning, and technical roadmap development.</p> <p>Product Certification Standards</p>
<b>Behavioural Capabilities</b>	<p>Collaborative , Capable to interact / interface with customers, cross functional team</p> <p>Collaborative , Capable to interact / interface with customers, cross functional team</p> <p>Excellent Communication, verbal &amp; written</p> <p>Passionate &amp; Learning ability</p>
<b>Values</b>	<p>Accountable &amp; Responsible,</p> <p>Ethics &amp; Integrity, Knowledge, Collaboration, Caring, Agility, Empowerment with Accountability and Sustainability</p>
<b>Preferred Experience, Knowledge &amp; Attributes</b>	<p>Defence, Industrial domain Knowledge</p> <p>Solution / system engg capabilities</p> <p>Embedded Firmware &amp; Software Development</p> <p>Environmental &amp; EMI/EMC stds, Industrial and defence standards</p>