

 <div>DELOPT INSPIRED TO INNOVATE A Division of JK Paper Ltd</div>		Job Description		Format No: HR_F_160 Version: 3.0 Date: 04-Nov-2024	
Avionics Lead (DJD2025010)					
Roles		Avionics Lead			
Responsibilities		Design, development, and integration of avionics systems Ensure systems comply with industry standards (e.g., DO-178C, DO-254, ARINC, MIL-STD, RTCA). Make key decisions regarding architecture, component selection, and system interfaces Allocate tasks, set deadlines, and monitor progress. Provide mentorship, code or design reviews, and technical guidance Manage the integration of avionics hardware and software Support troubleshooting and debugging during integration and test phases Drive improvements in processes, documentation, and system performance			
Category				Description	
Qualifications		BE (E&C, E&E)			
Experience		7–15 years in avionics, electrical engineering, aerospace systems, or related fields. 2–5+ years in a technical leadership or project management role within avionics.			
Technical & Process Capabilities		Ability to design and define system-level architecture including hardware, software, data buses, power distribution, and interfaces. Selection of appropriate technologies: processors, sensors, communication protocols, redundancy, and fault tolerance. Knowledge of embedded systems: microcontrollers, FPGAs, RTOS, and real-time embedded software. Integration of hardware and software components with closed-loop testing and system verification. Expert in avionics communication standards: ARINC 429, MIL-STD-1553, CAN, RS-422/485, Ethernet, I2C, SPI, UART for internal systems Understanding of PCB design, signal integrity, EMI/EMC considerations. Proficiency in certification processes: DO-178C (Software), DO-254 (Hardware)			
Behavioural Capabilities		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		7–15+ years in aerospace, defense, Display systems, UAV, or aviation industries. Prior experience leading avionics development projects from concept through certification and delivery. Hands-on experience in all phases: concept, design, development, integration, testing, certification, and sustainment. Deep understanding of avionics system design, architecture, and systems engineering principles. Strong ability to take technical ownership and drive a system from requirements through delivery Ability to review complex schematics, requirements, or test data and identify issues or improvements.			
Compensation		Bangalore			