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|  <div><b>DELOPT</b><br/>INSPIRED TO INNOVATE<br/>A Division of JK Paper Ltd</div> |  | <b>Job Description</b>                                                                                                           |             | <b>Format No:</b> HR_F_160<br><b>Version:</b> 3.0<br><b>Date:</b> 04-Nov-2024 |
| Product Architect- Embedded System - JD (DJD2026006)                                                                                                               |  |                                                                                                                                  |             |                                                                               |
| Roles                                                                                                                                                              |  | Product Architect - Embedded System                                                                                              |             |                                                                               |
|                                                                                                                                                                    |  |                                                                                                                                  |             |                                                                               |
| Responsibilities                                                                                                                                                   |  | Designing and Testing embedded hardware products. Analysing and interpreting performance data                                    |             |                                                                               |
|                                                                                                                                                                    |  | Troubleshooting and diagnosing errors and suggesting suitable repairs or modifications                                           |             |                                                                               |
|                                                                                                                                                                    |  | Collaborating with software engineers to ensure software compatibility and integration with the hardware components              |             |                                                                               |
|                                                                                                                                                                    |  | 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 Time, Cost and Quality |             |                                                                               |
|                                                                                                                                                                    |  |                                                                                                                                  |             |                                                                               |
| Category                                                                                                                                                           |  |                                                                                                                                  | Description |                                                                               |
| Qualifications                                                                                                                                                     |  | BE (E&C, E&E )                                                                                                                   |             |                                                                               |
| Experience                                                                                                                                                         |  | 12+ years experience in Embedded Electronics Engineering Design & Development, executing projects in Electronic Domain           |             |                                                                               |
|                                                                                                                                                                    |  |                                                                                                                                  |             |                                                                               |
| Technical & Process Capabilities                                                                                                                                   |  | Experience of executing/leading projects in Embedded Electronics                                                                 |             |                                                                               |
|                                                                                                                                                                    |  | Familiar with Electronic Hardware Design Processes, Tools, Design for Manufacturing, Suppliers, Test                             |             |                                                                               |
|                                                                                                                                                                    |  | Hands on experience in design and development of Analog, Digital, Mixed Signal circuits. Design Verification &                   |             |                                                                               |
|                                                                                                                                                                    |  | Proficient in Designs based on Microcontroller, Micro Processor, DSP, FPGA, Discrete & Analog IO Communication                   |             |                                                                               |
|                                                                                                                                                                    |  | Communication protocols like SPI, UART, I2C, wifi, Bluetooth, USB, Ethernet                                                      |             |                                                                               |
|                                                                                                                                                                    |  | 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                                                                                              |             |                                                                               |
|                                                                                                                                                                    |  | Process knowledge maturity, Awareness or exposure to AS9100 / CMMI / ISO Standards                                               |             |                                                                               |
|                                                                                                                                                                    |  | Complete Product Life Cycle Management. Product Certification & standards                                                        |             |                                                                               |
|                                                                                                                                                                    |  |                                                                                                                                  |             |                                                                               |
| Behavioural Capabilities                                                                                                                                           |  | Collaborative , Capable to interact / interface with customers, Cross functional team                                            |             |                                                                               |
|                                                                                                                                                                    |  | Self-driven, Able to Mentor                                                                                                      |             |                                                                               |
|                                                                                                                                                                    |  | Excellent Communication, verbal & written                                                                                        |             |                                                                               |
|                                                                                                                                                                    |  | Passionate & Learning ability                                                                                                    |             |                                                                               |
|                                                                                                                                                                    |  |                                                                                                                                  |             |                                                                               |
| Values                                                                                                                                                             |  | Accountable & Responsible,                                                                                                       |             |                                                                               |
|                                                                                                                                                                    |  |                                                                                                                                  |             |                                                                               |
| Preferred Experience, Knowledge & Attributes                                                                                                                       |  | Defence, Industrial ,Retail domain Knowledge                                                                                     |             |                                                                               |
|                                                                                                                                                                    |  | Solution / system engg capabilities                                                                                              |             |                                                                               |
|                                                                                                                                                                    |  | Embedded Firmware & Software Development                                                                                         |             |                                                                               |
|                                                                                                                                                                    |  | Environmental & EMI/EMC stds, Industrial and defence standards                                                                   |             |                                                                               |
|                                                                                                                                                                    |  |                                                                                                                                  |             |                                                                               |
| Compensation                                                                                                                                                       |  | To be filled by HR                                                                                                               |             |                                                                               |