

		<b>Job Description</b>		<b>Format No:HR_F_160</b> <b>Version: 2.0</b> <b>Date: 23-Jul-21</b>	
<b>Software Architect Embedded - JD (DJD2021025)</b>					
<b>Roles</b>		Software Architect is responsible for the design and development of software systems and embedded applications. They may create software tailored to a clients' specific needs or create products geared for consumers, such as embedded applications. They act as high-level decision makers in the process, determining everything from design choices to technical standards, such as platforms and coding standards.			
<b>Responsibilities</b>		Design and implement software of embedded devices and systems from requirements to production and commercial deployment			
		Design, develop, code, test and debug system software			
		Review code and design			
		Analyze and enhance efficiency, stability and scalability of system resources			
		Integrate and validate new product designs			
		Support software QA and optimize I/O performance			
		Ensure software meets all requirements of quality, security, modifiability, extensibility etc.			
		Assess third party and open source software			
		Interface with hardware design and development			
		Provide post production support			
		Provide technical guidance and coaching to developers and engineers			
<b>Category</b>				<b>Description</b>	
<b>Qualifications</b>		BE (CS/IT )			
<b>Experience</b>		12+ years experience in software project execution and exposure to various software Development, Debug, Analysis tools			
<b>Technical &amp; Process Capabilities</b>		Proven working experience in software engineering			
		Experience in hands-on development and troubleshooting on embedded targets			
		Solid programming experience in C or C++			
		Proven experience in embedded systems design with preemptive, multitasking real-time operating systems			
		Experience with software development lifecycle (SDLC) processes			
		Adequate knowledge of reading schematics and data sheets for components			
		Strong documentation and writing skills			
		Excellent knowledge of OS coding techniques, IP protocols, interfaces and hardware subsystems			
		Familiar with Software Engineering Processes, Tools, CM, Defect Mgmt, V&V,			
		Familiar with Software & Coding Standards, Model based Development, Low Code based Accelerated Dev			
		Process knowledge maturity, Awareness or exposure to AS9100 / CMMI / ISO Standards			
<b>Behavioural Capabilities</b>		Collaborative , Capable to interact / interface with customers, cross functional team			
		Self driven, able to mentor, openness			
		Customer centricity and external focus			
		Passionate & Learning ability			
<b>Values</b>		Accountable & Responsible, Ethics & Integrity, Knowledge, Collaboration, Caring, Agility, Empowerment with Accountability and Sustainability			
<b>Preferred Experience, Knowledge &amp; Attributes</b>		Skills, knowledge and abilities for Solutioning Problem Statements of Customers			
		Abstraction, Analytical and conceptual skills in developing efficient and effective solutions to diverse and complex business problems			
		Passionate to Succeed			
		Customer Centricity			
		Agility			
<b>Compensation</b>		<b>To be filled by HR</b>			