

Post:	Project Manager
No. of Posts	02
Educational Qualification	<p>1. BE/B-Tech. or equivalent degree with 60% or equivalent CGPA ** OR</p> <p>2. Post Graduate degree in Science/ Computer Application or in relevant domain(s) with 60% or equivalent CGPA ** OR</p> <p>3. ME/M.Tech or equivalent degree ** OR</p> <p>4. Ph.D. in relevant discipline **</p> <p>**Relevant Disciplines: Computer Science/IT/ Computer Applications/Electronics /Electronics & Communication Engineering/Artificial Intelligence/Software Engineering/Machine Learning/Data Science/Blockchain/Cloud Computing/ Electronics & Instrumentation/Bioinformatics/Computer & Information Science/ Electronics & Nanotechnology/Electronics & Telecom Engineering/ /Information Science & Engineering/Mathematics & Computing/Telecommunication Engineering / Quantum Physics or Electrical engineering, quantum computation theory, theoretical computer science, theoretical physics, or closely related field, or other related field.</p>
Post Qualification relevant Experience	9 - 15 years
Job Profile	<ul style="list-style-type: none"> • Brainstorming, planning the project, Scheduling and designation of project tasks to team members. Execution of each phase of the project. • Lead and motivate cross-functional teams and interact with all levels • Evaluates complex situations using multiple sources of information filters, validates and interprets dynamic material • Analysis, planning, developing requirements documents, building functional models, developing procedures, developing functional architectures, and other related management and technical duties • Creates a method of change management including ownership of documentation, communication plans, process training, etc • Thorough understanding of project/program management techniques and methods. • Outstanding leadership and organizational skills • Solid understanding of software development life cycle models as well as expert knowledge of both Agile and traditional project management principles and practices and the ability to blend them together in the right

	<p>proportions to fit a project</p> <ul style="list-style-type: none"> • Sufficient level of technical background to provide highly-credible leadership to development teams and to be able to accurately and objective to evaluate complex project risks and issues • Strategize, implement, and maintain program initiatives that adhere to organizational objectives • Develop program assessment protocols for evaluation and improvement • Maintain organizational standards of quality, and performance • Oversee multiple project teams, ensuring program goals are reached • Manage budget • Thorough understanding of project/program management techniques and methods. • Outstanding leadership and organizational skills • Creates a method of change management including ownership of documentation, communication plans, process training, etc. • Hand-on experience with embedded systems firmware development using C, C++ & Assembly level programming and scripting etc. • Hand-on experience in Driver Development for bare metal/RTOS/Linux. • Knowledge on various RTOS concepts with RTOS Programming and Debugging. • Knowledge on Inter Process Communication • Enabling / Porting an RTOS for SoC / Processor • Processor Start-up code / Boot Codes development • Hand-on experience on configuration of RTOS for a SoC / Processor core and boot code enhancements, board support package modifications. • RTOS Priority model and its configurations related topics • Development of Peripheral drivers for Microcontroller • Fundamentals of Linux kernel internals • Makefile and Kernel build procedures • Kernel APIs to process device tree nodes, peripherals, I/Os • Linux GPIO Subsystem • RTOS Debugging using Debugger Softwares • Experience in FreeRTOS/RTLinux/Zephyr/embOS/Vx Works • Porting of RTOS/Linux on RISV-V SoC • Bringing up and debugging hardware using JTAG etc. <p>ME/M. Tech or equivalent Project thesis in the areas of secured firmware/software, secured operating system/microkernels, secured boot, software enablement for custom instructions for a processor, etc. are desirable</p>
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Other Skills and Qualities	<ul style="list-style-type: none"> • Basic knowledge of C & Assembly level programming and scripting. • Good debugging, problem solving/ analytical skills. • Good interpersonal skills and ability to work in a team. • Providing technical leadership to the software design team • Performing Code Reviews • Collaborating with senior stakeholders to understand, analyze, and fix the design requirements. • Managing all aspects of the software development lifecycle.
Mode of selection	Interview
Emoluments	<p>Initial CTC (with min. exp required) Rs. 12.63 LPA – Rs. 22.9 LPA (Candidates with higher experience within the given bracket will be offered higher salary as per policy)</p> <p>Those selected will be governed by the C-DAC norms prevailing during the tenure of engagement. At present the salary and other benefits include Consolidated pay, Medical Reimbursement , Provident fund, Food / Canteen Subsidy, Leave Encashment, Gratuity.</p>
Duration of the position	Three Years – Extendable based on performance and availability of projects

