

M.B. Control & Systems Pvt. Ltd, is an ISO-9001 company. Since our inception in 1983, we have been committed to provide innovative electronic systems and equipment for control and monitoring of industrial processes. We design, manufacture, install and commission industrial electronics systems on turnkey basis.

Our team of experts is available to dispense expert technical support and provide technical solutions to questions ranging from generic to complex. We consider excellence of products and service as a key to gaining customer loyalty and satisfaction. We have pan India presence via dealer and distribution network.

All the products we offer can be viewed on our website www.mbcontrol.com. We have clients such as in power generation (wind, solar, hydro etc.), OEM, Transmission, IPP, CPP, Heavy Industries etc.

Achieve your potential - build an exciting career

Discover the opportunity to join a dynamic, and responsible company that fosters the development of all its people and communities around the world. Every day, we challenge employees to achieve more and experience exciting careers.

JOB PROFILE:

Embedded Software Development Engineer

Description:

We are seeking a talented Embedded Software Developer to join our dynamic team. The ideal candidate will be responsible for designing, developing, and maintaining embedded software for our range of Products. You will work closely with cross-functional teams to ensure the successful delivery of high-quality embedded software solutions.

Tasks:

- Design and implement embedded software solutions for [specific product/project] according to technical specifications and requirements.
- Develop device drivers, firmware, and middleware components to interface with hardware peripherals and external devices.
- Collaborate with hardware engineers to integrate software with hardware designs and ensure seamless operation.
- Conduct unit testing, integration testing, and system-level testing to verify software functionality, performance, and reliability.

- Optimize code to improve performance, memory utilization, and power efficiency.
- Debug and resolve software issues through root cause analysis and troubleshooting.
- Document software designs, specifications, and test procedures to facilitate future maintenance and support.
- Stay updated on emerging technologies and industry trends in embedded systems development.
- Experience of documentation using Microsoft Word, Excel, Power Point

Qualifications:

- Bachelor's degree in Electrical Engineering, Computer Science, or related field.
- Proficiency in C/C++ programming languages.
- Experience with real-time operating systems (RTOS) such as FreeRTOS, uC/OS-II, or ThreadX.
- Familiarity with microcontroller/microprocessor architectures such as ARM Cortex-M, AVR, PIC, etc.
- Familiarity with microcontroller/microprocessor architectures such as ARM Cortex-M, AVR, PIC, etc.
- Experience with embedded development tools such as IDEs, compilers, debuggers, and version control systems.
- Bachelors or Master's degree in Electrical Engineering, Computer Science, or related field.
- Minimum Exp. 5 years.
- Location: Howrah Office.