



Innovative Electronics For You

M. B. Control & Systems Pvt. Ltd.

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Registered & Corporate Office

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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 system solutions are suitable for Energy management systems, Weather Monitoring Solutions, Telemetry Systems, Remote Data Collection System, Remote Meter Reading Solutions, RTU Control Panels and Systems, SCADA systems and Sub-Station Automation Systems. Required energy reports are provided as part of the system.

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:

We are seeking a skilled and motivated IoT Engineer to join our engineering team. The candidate will be responsible for designing, developing, integrating, and supporting Industrial IoT (IIoT) solutions for Power Systems, Renewable Energy, SCADA, Telemetry, Meteorological Monitoring, and Energy Management applications. The role involves working with field devices, communication networks, cloud platforms, edge computing systems, and industrial protocols to enable reliable real-time monitoring and analytics solutions.

Designation: IOT Engineer

Department: Research & Development

Reports to: Senior IOT Engineer

Location: Full Time On-Site, Howrah

Key Responsibilities:

- Design and implement IoT/IIoT solutions for power and renewable energy applications.
- Integrate sensors, RTUs, FRTUs, PMUs, meters, weather stations, and industrial controllers with cloud and SCADA platforms.
- Develop and maintain communication interfaces using protocols such as Modbus, MQTT, OPC UA, IEC 60870-5-104, DNP3, and TCP/IP.
- Configure and troubleshoot IoT gateways, industrial routers, edge devices, and communication networks.
- Support integration of Meteorological Stations, Power Quality Meters, Energy Management Systems, and Solar Plant SCADA solutions.
- Develop dashboards, APIs, and data acquisition systems for remote monitoring and analytics.
- Work with databases, cloud platforms, and server environments for IoT data management.
- Coordinate with software, hardware, and project teams for deployment and commissioning activities.
- Prepare technical documentation, system architecture diagrams, reports, and customer submissions.
- Perform factory testing, field commissioning, troubleshooting, and remote diagnostics.
- Ensure cybersecurity, data integrity, and reliable communication architecture for IoT systems.
- Support customer approvals for system architecture, communication design, and technical documentation.

Required Skills & Technical Knowledge:

- Strong understanding of Industrial IoT and automation systems.
- Experience with SCADA, telemetry, and industrial communication systems.
- Familiarity with Linux/Windows server environments and networking concepts.
- Experience with cloud platforms such as AWS, Azure, or Google Cloud is preferred.
- Understanding of databases such as MySQL, PostgreSQL, or InfluxDB.
- Knowledge of Python, Node.js, C/C++, or scripting languages preferred.
- Experience with REST APIs, web services, and remote device management.
- Understanding of VPNs, firewalls, cybersecurity, and network security practices.
- Ability to troubleshoot field communication and hardware integration issues.

Qualifications:

- Bachelor's Degree in Electronics, Electrical, Instrumentation, Computer Science, or related Engineering field.
- Minimum Exp. 3-4 years
- Ability to manage multiple projects and priorities.
- Strong analytical and troubleshooting skills.
- Good communication and documentation abilities.
- Ability to work independently and in multidisciplinary teams.
- Location: Howrah