Project Engineer – Embedded Systems

Company: CoachComm Position: Salaried
Department: Engineering Revised: 1/15/26

JOB SUMMARY:

This is a senior level engineering position with product leadership and design responsibilities. This employee plays a key role in the product launch of new PCB-based, industry-compliant, embedded electronic equipment. Depending on the project, the employee will either work as an individual or as part of a multi-disciplinary team. The employee sometimes directs the work of other engineers, designers and technicians, and performs other duties as assigned.

KEY RESPONSIBILITIES:

- **Project Leadership:** Leads design activities for a project and coordinates design activities with other personnel where appropriate including the flow of information and documentation to other departments.
- **Project Planning and Execution:** Planning and executing electronic projects, including defining requirements, creating project schedules, and overseeing all phases of development to ensure timely delivery of high-quality products.
- **Problem-Solving and Decision-Making:** Addressing technical challenges, troubleshooting system issues, and making critical decisions to optimize electronic designs and functionalities.
- **Collaboration with Cross-Functional Teams:** Working closely with hardware engineers, software developers, and product managers to integrate electronic systems seamlessly into products and solutions.
- **Process Improvement and Innovation:** Continuously seeking opportunities to enhance design processes, implement best practices, and drive innovation in electronic system development.
- **Data Collection**: Collect and analyze technical information from a variety of sources, including conversations with engineers, product managers and suppliers, technical documents, operation of equipment and their own tests & experiments
- **Production Readiness**: Develop, test and demonstrate device compliance with specifications and industry standards and prepare production documentation.

QUALIFICATIONS:

- New product development experience with embedded electronic systems involving microprocessors, FPGAs, analog circuits, wireless RF, Li-Ion batteries and sensors preferred.
- Experience with full product development lifecycles and Stage-Gate development processes preferred.
- Experience with domestic and international product compliance preferred.
- Strong communication skills, problem-solving abilities, adaptability to changing project requirements, leadership skills to guide teams, and a collaborative mindset for cross-functional engagement.

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JOB REQUIREMENTS:

- A Bachelor's degree in Electrical Engineering, Computer Engineering, Computer Science or related field
- 5 - 10 years of hands-on design and development of electronic assemblies or demonstrable competencies, which are commensurate with that level of experience.
- Good oral and written communication skills; Works well in a team environment.
- Results-driven and action-oriented; positive and energetic.
- High degree of personal and professional integrity.
- Good problem-analysis and resolution skills.
- Strong process orientation and drive for continuous improvement.