



Example of Lead Product Engineer Job Description

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Our growing company is looking to fill the role of lead product engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for lead product engineer

- Extract customer needs and translate into product functional and performance requirements through collaboration with cross functional Marketing, Clinical and User Experience teams
- Lead the technical engineering team through the overall design and development of the product
- Maintain product requirements throughout project
- Objectively and holistically communicate trade-offs and design options
- Document the flow of data through a system
- Define subassembly interfaces and allocate subassembly requirements to design teams
- Conduct impact analysis for design changes and implement necessary actions
- Identify technical problems and provide innovative and creative solutions
- Contribute to fault tree analysis and design FMEAs
- Ensure requirements are testable and can be verified and validated

Qualifications for lead product engineer

- BSEE with at least 4 years of related experience
- The ideal candidate possesses a working knowledge of PCB design, expert knowledge of analog/mixed signal simulation gained through hands-on experience
- Should be an innovative thinker and creative

execution

- Ten years product development, and manufacturing experience with high volume consumer or health care products, with preference given to “wearable” fitness and health tracking (or similar) products
- Proven track record of successful continuous improvement programs