

[Your Full Name]
[Phone Number]
[Email Address]
[LinkedIn Profile/Portfolio URL]

[Date]

[Hiring Manager Name]
[Title]
[Company Name]
[Company Address]

Dear [Hiring Manager Name],

I am writing to express my interest in the **Biomedical Device Mechanical Engineer** position at [Company Name]. With a strong foundation in mechanical design and a specialized focus on life-critical medical hardware, I am eager to contribute to your team's development of [specific product or technology mentioned in job post].

During my tenure at [Current/Previous Company], I spearheaded the mechanical development of [Specific Device Type], ensuring strict adherence to ISO 13485 and FDA 21 CFR 820 standards. My expertise includes 3D CAD modeling (SolidWorks/Creo), Finite Element Analysis (FEA) for structural integrity, and Design for Manufacturing (DFM) using biocompatible materials. Notably, I successfully [mention a specific achievement, e.g., reduced prototype iteration time by 20% or optimized a micro-fluidic housing].

I am particularly drawn to [Company Name] because of your recent advancements in [Specific Area, e.g., minimally invasive surgical tools or wearable diagnostics]. I am confident that my technical proficiency in rapid prototyping and mechanical testing, combined with my commitment to patient safety and quality regulatory compliance, makes me an ideal fit for your engineering department.

Thank you for your time and for considering my application. I look forward to the possibility of discussing how my mechanical design skills can support the innovation goals of [Company Name].

Sincerely,

[Your Signature (if sending by mail)]
[Your Typed Name]