

[Your Full Name]

[Phone Number] | [Email Address]

[LinkedIn Profile URL] | [Portfolio/GitHub Link]

[City, State, Zip Code]

[Date]

[Hiring Manager Name]

[Title]

[Company Name]

[Company Address]

Dear [Hiring Manager Name/Team], I am writing to express my strong interest in the **Product Development Mechanical Engineer** position at [Company Name]. With a background in [Number] years of experience across the product lifecycle-from conceptual design and prototyping to mass production-I am confident in my ability to contribute to your engineering team's innovation goals. In my previous role at [Previous Company], I specialized in [Key Area: e.g., consumer electronics, medical devices, or automotive systems]. My technical expertise includes:

- **CAD Design:** Proficient in [SolidWorks/AutoCAD/Creo] for complex assembly modeling and GD&T application.
- **DFM/DFA:** Extensive experience designing for [Injection Molding/Sheet Metal/CNC Machining] to reduce lead times by [X%].
- **Prototyping:** Rapid iteration using 3D printing, CNC, and functional testing to validate [Specific Mechanical Property].
- **Cross-functional Collaboration:** Working closely with Electrical Engineering and Industrial Design teams to ensure seamless hardware integration.

I am particularly drawn to [Company Name] because of your recent work on [Specific Project or Technology]. I am eager to apply my skills in [Specific Skill: e.g., FEA analysis or material selection] to help your team deliver high-quality, market-ready products. Thank you for your time and consideration. I look forward to the possibility of discussing how my technical background and passion for product development can support [Company Name]'s objectives.

Sincerely,

[Your Name]