

[Full Name]

[Phone Number] | [Email Address] | [LinkedIn Profile]
[City, State, Zip Code]

[Date]

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

Dear [Hiring Manager Name],

I am writing to express my interest in the **Mechanical Engineer** position at [Company Name], specifically within the [Specific Department, e.g., Wind Turbine/Solar Thermal/Green Hydrogen] division. With a strong foundation in mechanical design and a dedicated focus on sustainable energy systems, I am eager to contribute to [Company Name]'s mission of [Mention Company Mission/Project].

During my tenure at [Previous Company/University], I specialized in [Key Skill, e.g., Fluid Dynamics, Thermal Management, or Structural Analysis]. My notable achievements include:

- [Achievement 1: e.g., Optimized mechanical components for a 5MW wind farm, increasing efficiency by 12%].
- [Achievement 2: e.g., Led the CAD modeling and prototyping of high-pressure storage tanks for renewable hydrogen].
- [Achievement 3: e.g., Implemented FEA and CFD simulations to reduce material waste in solar tracking systems].

I am particularly drawn to [Company Name] because of your recent work on [Specific Company Project]. My technical proficiency in [Software, e.g., SolidWorks, MATLAB, ANSYS] combined with my commitment to decarbonization aligns with the innovative culture of your engineering team.

I look forward to the possibility of discussing how my technical background in renewable mechanical systems can support your upcoming projects. Thank you for your time and consideration.

Sincerely,

[Signature (if sending by mail)]
[Full Name]