

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

[Date]

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

Dear [Hiring Manager Name],

I am writing to express my interest in the *[Specific Job Title]* position at *[Company Name]*. I was encouraged to apply for this role by *[Referral Name]*, who currently works as a *[Referral's Job Title]* within your *[Department Name]* team.

With a strong background in mechanical design and robotics integration, I have closely followed *[Company Name]*'s advancements in *[Specific Technology/Product Area]*. My experience includes *[mention 2-3 technical skills, e.g., CAD modeling, rapid prototyping, kinematics analysis, or actuator selection]*. In my previous role at *[Previous Company/University]*, I successfully *[briefly describe a relevant project or achievement]*.

Through my conversations with *[Referral Name]*, I have gained insight into your team's commitment to *[mention a company value or engineering challenge]*. I am confident that my technical proficiency in *[mention specific software/tools]* and my passion for developing robust hardware solutions align with the goals of your robotics department.

I have attached my resume for your review and would welcome the opportunity to discuss how my mechanical engineering background can contribute to the success of your upcoming projects. Thank you for your time and consideration.

Sincerely,

[Your Signature]

[Your Printed Name]