

# Jessica L. Martinez

January 16, 2026

Acme Corporation

RE: Entry Level Chemical Engineer

Dear Hiring Manager,

I am excited to apply for the Entry Level Chemical Engineer position at Acme Corporation as advertised on LinkedIn. With a Bachelor of Science in Chemical Engineering from the University of California, Berkeley, and hands-on experience through internships, I am eager to contribute my skills and passion for chemical processes to your innovative team.

During my internship at GreenTech Solutions, I played a pivotal role in a project that aimed to optimize the production process of biofuels. By conducting rigorous chemical analyses and simulations using Aspen Plus, I helped identify a more efficient catalyst that reduced production costs by 15%. This experience not only enhanced my technical abilities but also taught me the importance of teamwork and effective communication in achieving project goals. Additionally, I was actively involved in a lab project where we developed eco-friendly materials, which helped me gain practical knowledge in material properties and their applications in real-world scenarios.

I am particularly drawn to Acme Corporation's commitment to sustainable practices and innovation in chemical engineering. I am eager to bring my analytical skills and a fresh perspective to your team, helping to advance projects that align with your mission to promote environmental sustainability. I would be thrilled to discuss how my background, skills, and enthusiasms align with the needs of your team.

Thank you for considering my application. I look forward to the opportunity to discuss my candidacy further and to learn more about the exciting work being done at Acme Corporation.

Sincerely,

Jessica L. Martinez