

Jordan A. Mitchell

January 16, 2026

Acme Corporation
RE: Chemical Engineer

Dear Hiring Manager,

I am writing to express my enthusiasm for the Chemical Engineer position at Acme Corporation, as advertised on your careers page. With a strong background in chemical engineering and a passion for innovative solutions, I am excited about the opportunity to contribute to your team and help drive the development of cutting-edge chemical processes.

In my previous role at GreenTech Innovations, I successfully led a project that optimized a key chemical manufacturing process, resulting in a 25% increase in production efficiency and a significant reduction in waste. By implementing advanced analytical techniques and conducting in-depth process simulations, I was able to identify critical bottlenecks and recommend adjustments that not only enhanced product yield but also aligned with sustainability goals. Furthermore, I played a crucial role in a cross-functional team to develop a new environmentally friendly catalyst, which reduced energy consumption by 15%, showcasing my commitment to both innovation and environmental stewardship.

I am particularly drawn to Acme Corporation's dedication to sustainable practices and your groundbreaking work in enhancing material safety. I am eager to leverage my skills in process design and optimization to contribute to your ongoing projects. I am confident that my proactive approach and problem-solving abilities will be an asset to your team.

I look forward to the possibility of discussing this exciting opportunity with you. Thank you for considering my application, and I hope to bring my expertise in chemical engineering to Acme Corporation.

Sincerely,

Jordan A. Mitchell