

# Samantha R. Johnson

January 16, 2026

Acme Corporation

RE: Entry Level Petroleum Engineer

Dear Hiring Manager,

I am writing to express my enthusiasm for the Entry Level Petroleum Engineer position at Acme Corporation, as advertised on your careers page. With a strong foundation in petroleum engineering principles and a passion for innovative energy solutions, I am excited about the opportunity to contribute to your team and help drive forward-thinking projects in the oil and gas sector.

During my academic career at the University of Texas at Austin, I completed a comprehensive capstone project focused on enhanced oil recovery techniques, where I collaborated with a team to design and conduct experiments that increased oil extraction efficiency by 15%. This experience not only honed my technical skills in reservoir simulation and fluid mechanics but also reinforced my ability to work effectively within a team environment. Additionally, my internship with Energy Solutions Inc. allowed me to apply theoretical knowledge to real-world applications, where I assisted in the optimization of drilling operations, achieving a 10% reduction in costs through improved logistical planning and resource allocation.

I am particularly drawn to Acme Corporation because of its commitment to sustainability and innovation in energy extraction methods. I am eager to bring my skills in data analysis and problem-solving to your esteemed company. I am confident that my proactive approach and technical expertise will be valuable assets to your engineering team. I would love the opportunity to discuss how my background, skills, and enthusiasms align with the goals of Acme Corporation.

Thank you for considering my application. I look forward to the possibility of discussing my candidacy further and contributing to the innovative projects at Acme Corporation.

Sincerely,

Samantha R. Johnson