

Jordan Mitchell

January 16, 2026

Acme Corporation

RE: Entry Level Firmware Engineer

Dear Hiring Manager,

I am excited to apply for the Entry Level Firmware Engineer position at Acme Corporation, as advertised on your careers page. With a solid foundation in embedded systems and a strong passion for developing innovative firmware solutions, I am eager to contribute to your team and support Acme's commitment to cutting-edge technology.

During my academic career at the University of Technology, I successfully completed a project where I designed and implemented firmware for a microcontroller-based sensor device. This project, which involved both hardware and software integration, enhanced my understanding of low-level programming and real-time systems. Furthermore, I collaborated with a team of peers to optimize the firmware, resulting in a 30% reduction in power consumption without sacrificing performance. Additionally, I completed an internship at Tech Innovations, where I assisted in debugging and testing firmware for IoT devices, gaining hands-on experience with various communication protocols such as SPI and I2C.

I am particularly drawn to this role at Acme Corporation because of your commitment to advancing technology and your focus on innovation in firmware development. I am looking forward to the opportunity to bring my skills in embedded programming and problem-solving to your team. I am eager to learn from experienced engineers and to contribute to projects that enhance user experiences and drive the company's objectives forward.

Thank you for considering my application. I would love the opportunity to discuss how my background, skills, and enthusiasms align with the goals of Acme Corporation. I look forward to the possibility of contributing to your esteemed team.

Sincerely,

Jordan Mitchell