

Dear Hiring Manager,

I am excited to apply for the Firmware Engineer position that emphasizes expertise in Python and C/C++. With a Bachelor's degree in Computer Science from the University of California, San Diego, and experience as a Software Developer and Software Quality Engineer, I have developed strong programming skills and a solid foundation in system specifications and complex problem-solving.

In my current role at Maximus, I have collaborated on designing and implementing Java applications, while also developing microservice architectures. This experience has deepened my knowledge in creating efficient solutions to unique problems. Additionally, my programming background includes significant exposure to Python, as evidenced by my project work, including the development of a Discord bot utilizing the Spotify API.

I also have hands-on experience in creating automation frameworks with advanced testing methodologies, which speaks to my ability to identify issues and provide recommendations. Although my experience in automotive maintenance or forklifts is limited, I am eager to learn and have a strong mechanical aptitude from various technical projects I have pursued.

I am particularly drawn to this role due to its blend of software and hardware engineering, and I am confident that my technical expertise and collaborative spirit would allow me to contribute effectively to your team.

Thank you for considering my application. I look forward to the opportunity to discuss how my background and skills align with your needs.

Sincerely,

