Dear Hiring Manager,

I am excited to apply for the Software Engineer position at your company. As an experienced software and robotics engineer with a passion for AI, autonomous robotics, industrial automation, self-driving cars, IoT, and many other related fields, I believe that my skills and expertise align perfectly with your organization's needs.

I have several years of proven experience working in diverse projects and teams, demonstrating my ability to design and develop software solutions for custom machines, autonomous driving simulation testing frameworks, stereolithography 3D printers, and automatic mounting machines for shower hose serial assembly. In my current position as Lead Robotics & Software Engineer at theion, I am leading a team of five to design software solutions for several custom machines for sulfur battery production. I have also worked as a Software Engineer at the German Aerospace Center (DLR), where I developed an autonomous driving simulation testing framework with a team of nine.

My technical skills include proficiency in programming languages such as C++, Python, and C, experience with Qt, UML, ROS, Git, GitLab CI, GitHub Actions, Docker, CMake, SQL, Agile Scrum, and other tools commonly used in the industry. I have also earned various licenses and certifications, including the Certified SOLIDWORKS Associate (CSWA), MATLAB, Simulink, Machine Learning, TestDaF Deutsch als Fremdsprache, and programming certifications in C, C++, Python, and Linux Administration.

I am confident that my skills, experience, and passion for the field make me an excellent fit for your company. I am excited to bring my expertise to your team and contribute to the development of cutting-edge software solutions. Thank you for considering my application.

Sincerely,
Sami Dhiab