

**Muhammad
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TO

GK Software SE
Waldstraße 7, 10117 Berlin, Germany

SUBJECT

[Ilmenau, 28/05/2025] Initiativbewerbung als Software Developer (m/f/d)
Sehr geehrte Damen und Herren

I am writing to submit an unsolicited application to join GK Software as a Software Developer. As a leading global software provider with over 500,000 retail installations worldwide, GK Software's commitment to developing groundbreaking technologies for the retail industry strongly resonates with my passion for creating innovative software solutions. Your role as a hidden champion with international presence and focus on improving customer-retailer relationships through technology aligns perfectly with my career aspirations in software development.

My background as an experienced Software Developer with a Master's in Media Technology brings valuable expertise to GK's retail innovation mission. I have proven experience in developing comprehensive data acquisition and processing systems, achieving 90% improvement in multispectral image registration speed and 84% precision enhancement in ML-based tracking algorithms. My proficiency in Python, C++, SQL, and web development frameworks like Django and Flask, combined with my experience in automated testing integration and agile development environments, positions me well to contribute to GK's standard and cloud-based retail solutions. Additionally, my work with APIs, sensor integration, and computer vision technologies could bring fresh perspectives to retail technology challenges.

What particularly attracts me to GK Software is your commitment to creating an all-encompassing shopping experience and your position as #retailinnovators. The opportunity to work on solutions that directly impact millions of retail transactions globally and improve customer experiences worldwide is exactly the meaningful work I seek in my career. Your presence in multiple international locations, including nearby Jena, combined with flexible working arrangements, creates an ideal environment for professional growth. I am eager to contribute my technical skills and problem-solving abilities to help GK continue developing cutting-edge retail technologies.

I am excited about the possibility of becoming a #retailinnovator and contributing to GK Software's continued success in transforming the retail industry. Whether in a direct entry software development role or through lateral entry into specialized areas like data processing or API development, I am confident my technical background and passion for innovation would add value to your team. I am available to start immediately and would welcome the

opportunity to discuss how my experience in software development, algorithm optimization, and cross-functional collaboration can support GK's mission.

Yours sincerely
Muhammad Waleed