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ASAP Engineering GmbH
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Application for the position of Embedded Automotive Software Developer

Dear Mr. Bayer,

I learned about the job opportunity, the great working atmosphere and attractive projects at your company from my acquaintance, Zheng Feng, who works for you. The "DEVELOPMENT ENGINEER | EMBEDDED HARDWARE / SOFTWARE (M/F/D)" position advertised by your company is very appealing to me, as a vehicle engineering graduate with over two years of working experience and specialized focus on embedded software.

Currently, I work as an embedded software developer at Xpeng Motors, the market-leading manufacturer for electric vehicles in China, where I develop software and software components from T-Box MPU in C. I am also involved in the development of application modules like Ecall and audio driver. My work always begins with system requirement analysis. First, I analyze the modules involved in functional requirements, and then consider code transformation. Throughout this development process, I always follow the company standards and ensure that the code is standardized, readable, and traceable. Additionally, after software completion, I test my work using test cases. I also use debugging tools to analyze and solve problems.

In 2020, I worked as a test engineer at Huawei in Paris over a year and was responsible for the company's mobile phone and router businesses. I realized that with the widespread adoption of 5G networks, intelligent vehicles will be an inevitable trend in the next era, so I decided to join a company that specializes in smart cars. Since then, I left France and have been working for XPeng Motors in Guangzhou.

As a software developer, your company provides me with the opportunity to combine all the prior knowledge and interests from studies, projects, activities, and overseas experiences into one position. I believe that I can contribute to the development of your team and look forward to gaining more experience by working for you.

I am looking forward to receiving an invitation for a personal interview, during which I am pleased to convince you of myself and my abilities.

Best regards,