Self-introduction

要申请岗位

Good morning. Mr. Funk and Ms. Pichol(The name of hr + business leader) My name is Jianwei and I am applying for the position of software engineer in ASAP.

目前在小鹏工作

Currently, I work in Xpeng Automobile company as an embedded software engineer, which is very famous for its autonomous driving and intelligent entertainment in Chinese electric vehicle market.

工作两年想去asap

After working here for two years, I realize I will have more driving force and make full use of my skill sets if I can go to your company, a top automotive driving software supplier, because I can work with numerous brilliant developers and improve my programming capability productively.

在法国的经历

I graduated from ISEP in Paris in 2020 and majored in embedded system. After graduation, I first found a job in Huawei in the same city as a device test engineer responsible for admission testing of mobile phones and some hardware devices, such as router, smart watch, etc.

介绍Coding和跨部门部门合作能力

I THINK my programming work in Xpeng and Huawei has strongly strengthened my coding experience, and it empowers me to work cross department efficiently. I have rich experience in communicating with the project members, the developers as well as the legal compliance team. Additionally, I excel at C++ AND Python for developing functions.

熟悉欧洲文化

Also my study experience in Paris makes me easy adapt to the European culture and realize needs flexibly.

结束语

That's basically all about me. Thank you for your patience. Thank you for your listening.

Career plan

介绍当前工作和自己的偏好

Currently, I work in the embedded department of the company, where I am involved in hardware, driver, and software development. But I realize that I am most interested in using software programming to implement functions.

However, my future job plans still focus on hardware and driver development, which might not allow me to utilize my advantage in software development. My goal is to become a senior software developer in the future. Therefore, I feel that my current job is unable to meet my needs, and the gap between my needs and the job requirements seems to be growing wider.

What I want to do now is to further improve my skills as a software engineer. In the short term, I hope to have experience in different projects and make some contributions to the company. . Currently, I may start out as a junior software engineer, but within three to five years, I hope to become a senior software engineer. Then, In the long term, I want to participate in more challenging roles. I want to take more management responsibilities and may become a Tech Lead, and eventually progress to the level of Director or Chief Technology Officer (CTO).

●Project experience/successful achievement/problem solving experience/challenge experience/strengths

●I'd like to introduce a project I have developed in Xpeng automobile, and my role is to develop the ecall function from the bottom to application layer within 2 months.

●Frankly speaking, the application layer is not hard for me, as I am proficient in using C++ and python to achieve various functions. The real challenge for me at that time is to develop the audio driver so it can fit our existing hardware well, and it involves the linux kernel developing and how to configure chip pins with the driver, which I was not that familiar with at that time. **However, I think software developers should always be prepared for learning new things, and I have been trying to jump out of my comfort zone several times based on different requirements.** So first I searched online and got some manuals to know more about the hardware, and the method of kernel developing and then I started to test the driver's compatibility with the hardware.

During this process, I have constantly analyzed what requirements should be achieved, and found ways to satisfy them one by one. (requirements analysis)When I needed to measure the current and voltage for chip development, I learnt how to use various tools like multimeters and osciloscopes; When I needed to debug the driver, I independently designed a testing software ; When I wanted to further improve our working efficiency, I further introduced the CI/CD into our datasets to remove potential bugs.(fast-learning aspect)

●My efforts paid back, after I have developed the related app, the ecall function is fully achieved and has been used in 80% of our cars. This experience also hugely developed my cross-department communication ability, because we need to discuss with the legal department, the hardware groups, and the testing members(communication). Working with them empowers me to be a better team worker(teamwork), and also makes me determined to keep working in software development.

为什么要来德国

Currently, I believe that there are better opportunities for me as a software developer in Germany.When I study in France, I have chance to visited Germany, I was impressed by the living atmosphere and work ethic, the envirnment is pretty good and people are friendly there. Additionally, my friend told me that working in Germany is very enjoyable and provides a good balance between work and life.

Most importantly, I THINK that working in Germany will be most beneficial to my career development. Now, my work in China tends to focus on hardware and driver development, and I couldn’t focus on what I am most interested in to show my abilities. However, my friend who is familiar with ASAP and have noticed and tell me that you have a position that align with my interests and skills. So I apply for the position of software engineer in ASAP.

Moreover, I have a desire to settle down in Germany due to its high quality of life. Therefore, I believe that long-term employment in Germany will help me grow both personally and professionally.