Rock Zhang

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**{DATE}**

{NAME}

{COMPANY}

{CITY}

**Dear {NAME}**

**Re: {POSITION} position**

I am writing to apply for the {POSITION} position at {COMPANY}, eager to contribute my C/C++ expertise honed through 10+ years of experience in browser engine(Chromium) development and core system engineering. My background includes specializing in customizing and optimizing browser engine for large-scale corporate web software at globally impactful companies (**Bytedance**, **Tencent** etc). My core competencies lie in advanced C/C++ and Java development on Linux and Android platforms, with a strong focus on WebView as the foundation for web execution, providing me with extensive practical knowledge of both operating systems.

The intricate nature of Chromium, a project continuously iterated upon by Google using C++, has provided me with substantial experience in this language. I have honed my skills in various C/C++ techniques and design patterns, and I am proficient in managing large-scale project compilation. Working with WebView, has consistently challenged me to develop strong problem-solving and advanced debugging skills, enabling me to methodically approach and resolve difficult technical issues. My work at ByteDance, leading the management of multiple Android SDKs (including development, optimization, CI/CD, Git branch control, and client delivery), further solidified my experience. Implementing Test-Driven Development (TDD) for kernel rolling upgrades ensured seamless integration of Google's upstream updates with our features across platforms like TikTok, Lark, and Toutiao.

I am highly enthusiastic about the {POSITION} opportunity and confident that my robust professional background and extensive C/C++ experience will allow me to quickly become a valuable asset to your team. I possess an open partner work visa, renewable until 2028, and am willing to relocate to the city of employment. Thank you for your time and consideration. I look forward to your response.

**Yours sincerely,**

**Rock Zhang**