

Leon Yao

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Your Number Guaranteed Inc
Software Developer

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Dear Hiring Manager,

I was delighted to come across the Software Developer posting at Your Number Guaranteed Inc. I believe that my knowledge and skills make me an ideal candidate for your esteemed company.

I am currently working as a Backend Developer at a social media company called [Directr](#). I have had the exciting opportunity to develop and implement backend services in C# .NET. My responsibilities have included creating features that allow users to query our database for posts based on location fields. This role has required me to build much of the infrastructure from scratch, addressing the unique challenges of developing scalable and efficient systems in a fast-paced startup environment. Additionally, I have created a custom search engine service that enables text-based searching of our database for posts, significantly enhancing user experience by providing rapid and accurate search capabilities. This experience has honed my skills in backend development, making me adept at tackling the dynamic needs of a growing social media platform.

From March 2023 to November 2023, I served as a Full Stack Software Developer at [Encircle](#). In this role, I contributed to various aspects of the company's products, spanning web and mobile app development, as well as backend tasks. I honed skills in Agile Development, optimized SQL requests in Python, and engaged in mobile app development using Java/Kotlin. Dealing with production issues taught me valuable lessons in problem mitigation for clients, ensuring minimal service interruption.

In the Summer of 2022, I started an 8 month internship at [Ecopia](#), as part of studies at the University of Waterloo. One project I worked on was to blend satellite images together, as Ecopia uses satellite data to create 3D models of cities. The program I developed in C++ utilized various image blending algorithms to seamlessly merge images at efficient speeds. Working in a small, growing company like Ecopia demanded independent learning and problem resolution, as my colleagues were often engaged in their own projects.

I am eager to discuss in more detail how my skills align with the requirements of the Software Developer position. Thank you for considering my application.

Sincerely,
Leon Yao