

EDWARD LOMBE

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To Ana Belgun

I am writing to express my interest in the position of Early Career Software Engineer at the CSIRO's Data61 Team (requisition number 59499). Having 8 years of web development experience, both in front and back end, makes me an ideal candidate for this position. I love using both TypeScript and JavaScript having written and deployed numerous production applications using them.

Most of my expertise has been developed through practical experience. The most significant project that I have designed is a proxy server using Node.js and written in TypeScript. The purpose of this was to allow us to extend the useful working life of our main business system by providing JSON interop to an XML based database. This was achieved by translating the incoming JSON encoded request into XML, forwarding it to the server and then converting the resulting XML response back into JSON. This enabled us to rapidly prototype our APIs and remove the performance overhead of including an XML parser and serializer on the client.

As I mentioned before, my skills are not only limited to back end applications, and I know how to make a clean, simple and intuitive front-end facing web application. This has ranged from designing a metrics and control panel for the aforementioned proxy server, to a full redesign of our business system to ensure that we could utilize the latest HTML5 and CSS3 features. It is hard to convey my visual design skills through a purely textual medium, so I have published a portfolio containing some of my work, which can be accessed by clicking [here](#).

To finish, I would like to note that I meet all the pre-requisites and essential criteria listed in the position description. For the desirable criteria, the only thing I do not have experience in is GIS systems. However my current role has often required me to take ownership of problems that may not reside entirely within my realm of expertise. Fortunately I am a fast learner, and am able to bring myself up to a functional level of competence quickly. I relish the challenge of learning new systems, and am confident that I could familiarize myself within a small timeframe.

Whilst there are many more skills and experiences that would be relevant to list here, for the sake of brevity I will keep this letter short. I would love to be able to set up a time in which we could talk and discuss the position and my suitability in more detail. I can be reached by phone at 0474 859 835 or by email at edward.lombe@icloud.com. The opportunity to work at CSIRO would be an honor and privilege, and I thank you for taking the time to consider my application thus far.