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Dear Applovin team,

I am writing to express my strong interest in the DevOps Engineer position at Applovin. With a solid understanding of the entire development life cycle as well as 2 years of hands on experience managing IT infrastructure I am well placed to make a great contribution to the organization's success.

In my previous role as in IT Support I was part of a dynamic team of just two technicians who were responsible for a broad range of equipment, including a set of interlinked LANs, physical server stack, virtual machines, Dockerised applications, AWS storage, VPN access, and end client PCs running both Windows and Linux based OSes.

Since it was my first job in the field, it was a great opportunity to learn, consolidate and apply technical knowledge quickly and launched a variety of successful projects with novel technologies. For example I built the Ansible configuration management system that is still in play today and led the project to migrate all infrastructure servers away from (now end of life) CentOS 7 without any noticeable disturbance to production team’s workflow.

My exposure to DevOps began when I expressed my desire to apply my Python coding skills, gained in my spare time. I took on a project from the software department to automate the production of release notes and increase visibility of recent code changes for the management team. This project was a great success and led to me splitting my time between IT support and DevOps. This was a great exposure to software development both by working alongside engineers and gaining deep insight into git, Jira, OOP, code review processes etc.

In my spare time I enjoy tinkering around with infrastructure projects. I am hosting a website built using Flask and running inside a Docker container inside an AWS instance. It uses nginx as a reverse proxy and apply SSL certification which is automatically updated using a python app called certbot. I also like to automate processes in my PC using bash scripts and am fascinated to learn and grow in my understanding of IT systems.

With my background in Theoretical Physics I am drawn to understanding intricate systems and solving complex problems from a holistic perspective. DevOps gives a perfect opportunity to apply these interests in a role that has tangible impact on a business’s success. I am excited to continue my career in a full time DevOps position.

Thanks a lot for taking the time to read my letter, I look forward to hearing from you soon.

All the best,

Joseph R Foster