Hi Noosh team,

My name is Joseph, and after 2 years of working as an IT Support Technician, I am ready to take my career to the next level as a System Administrator on your team. The role has tons of crossover with my past experience which includes Linux server administration, network management, VM deployment/maintenance, and DevOps automation work. I am keen to succeed in this role and contribute to the team’s ability to efficiently write and deliver robust and powerful SAAS products.

In my previous role at Blu Wireless, a UK networking company, I was lucky enough to have been given responsibility over monitoring and troubleshooting all layers of our IT systems. I diagnosed and resolved network issues, configured and managed our physical server stack, backed up data, administered VMs (KVM, libvirt) and containerized applications (Docker) that were often web based and deployed using Apache, administered users on both Linux and Office 365, and provided first support to users of all levels and built lasting relationships with suppliers.

In order to improve and develop the infrastructure and security at the company I spearheaded a project to migrate the server system from CentOS 7 to Rocky Linux 9 as the former was going out of support. I also implemented automatic software updates to ensure security patches were applied upon release and maintained and developed VLANs and administered the Firewall and VPN. A further innovation that I introduced was the Ansible configuration management system which drastically improved server configuration and maintenance times.

Alongside my role in the IT department I also worked on several projects a DevOps capacity with the software engineering team. I built a release note generation tool that connected git commits with Jira tickets and used the information to scrape the notes and build a PDF documenting the changes in a given software release. I also further developed the continuous integration pipeline (using Zuul) to ensure code tests and commit message checks were applied before reaching code review. In this process I was exposed to Agile working practices with Jira sprints and technical documentation on Confluence.

In my spare time I like to build web based applications using Python, Flask, Nginx and docker and hosted inside a lightsail container on AWS. I have not had the scalability need for Kubernetes or EC2s yet because I am not dealing with enough traffic but I am familiar with the technology and very keen to have the excuse to implement them in the workplace.

Thank you for taking the time to condifer my application, I look forward to hearing from you if my skills and experience are a match.

All the best,

Joseph R Foster