Dear Oklo Hiring Team,

After reading about your company on Linkedin and on your website I am delighted to apply for the DevOps Engineer role.

I have 2 years of experience in a UK startup called Blu Wireless Technology where I started as an IT Support Technician (with a strong weighting towards Linux/Unix system administration) and quickly transitioned to a dual role that included building Python-based automation tools for the software engineering team. This experience has equipped me with the technical skills and self-starting mentality to embrace responsibilities beyond my original role and adapt to new challenges with enthusiasm.

At Blu Wireless I worked on many projects but my favourite was building a release note generation system for the software development team. The tool takes Jira ticket references from commit messages and then collects the release note from Jira and compiles them on a confluence page. This can be viewed by management and allows for more cross-department insight and collaboration. he tool also generates PDF release note documents, making it easy to share detailed reports for each product release. The project began in my downtime between tasks and after work in order to gain experience but led to me splitting my role between the departments. The code reviews and mentorship I received during this time was hugely beneficial in my growth as a developer.

I also built the Ansible system to manage the servers and led the project of migrating the company’s IT infrastructure away from CentOS 7 (which went end of life earlier this year), introduced a password management system and contributed to the team that is in the process of implementing new security protocols and infrastructure. Throughout these projects I was extremely diligent about leaving clear and concise documentation on Confluence to empower future colleagues to implement and build upon my work.

In addition to my professional experience I have been developing software in my spare time for over 3 years including a python/flask web application hosting my personal website which is running within a docker container and hosted on AWS Lightsail. Recently I have become enthralled with Bash scripting and automation jobs on my Linux PC and have been tinkering with LLMs. . I am excited to take on projects at Oklo that would allow me to work on larger systems where tools like Kubernetes would be essential.

I am particularly drawn to Oklo because of its innovative approach to clean energy and startup culture. With a master’s degree in Theoretical Physics, I have a deep understanding of mass-energy equivalence, and I am a passionate advocate for nuclear power as a clean energy solution. I am inspired by Oklo's vision to reshape the energy landscape and would love to bring my technical skills, creativity, and commitment to your team.

Thank you very much for considering my application. I look forward to hearing from you soon. All the best,

Joseph Foster