Dear MecuryGate Hiring Team,

After reading about your product on Linkedin and on your website I am delighted to apply for the Junior Cloud Infrastructure Engineer position at your firm.

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. The 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 it’s success 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.

Additionally, I spearheaded our server management system using Ansible and led a company-wide migration from CentOS 7. This hands-on experience with infrastructure as code aligns well with MercuryGate’s focus on automation and cloud management. Having worked primarily with physical infrastructure running VMs and containers locally, I am looking forward to the opportunity to maintain and develop highly available cloud-based solutions and expand my skillset.

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.

Thank you for considering my application. I look forward to the opportunity to discuss how my background and skills align with the needs of your organisation.

All the best,  
Joseph Foster