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| Job Title: | **Network Systems Engineer** |
| Department: | Network Architecture |
| Location: | Daresbury |
| Management responsibility | N/A |

**About ITS**

We exist to ensure the UK has the best full fibre networks, to provide the best gigabit capable connectivity and broadband to UK businesses through our growing partner community. This enables opportunity, progress, exploration, creativity, innovation, and commerce. Rapidly advancing technology means there’s never been a more exciting time; for you, for business, and for the future.

**Role Headlines**

We are looking for an experienced Linux system administrator to work within the existing team, but also be capable of taking an individual lead on project work. The role will be technically demanding and will suit someone with extensive prior experience as a Linux system administrator or perhaps an operations-focused DevOps role.

A candidate must be able to demonstrate experience a commercial environment, with prior experience within an ISP being a distinct advantage.

**Key Responsibilities**

* Support and maintain network infrastructure functions such as DNS, RADIUS and service assurance functions.
* Support and maintain Linux infrastructure, such as our virtualisation cluster and the servers hosted on it.
* Take the lead on individual project deliveries where required.

**About You**

Experience Required

* Extensive and demonstrable Linux experience. Experience with Debian-based distributions will be an advantage.
* Infrastructure automation experience. Puppet is our automation tool of choice, but transferrable skills from other platforms will be considered on their individual merits.
* Python. This isn't a development role, but a lot of our automation is geared around Python, and good Python skills will be a distinct advantage.
* Kubernetes and/or Docker.
* A solid grounding in networks & IP. High level expertise is not a requirement of the position, but a candidate without an understanding of the fundamentals is unlikely to thrive in this position.

Experience Desirable

* Experience in the telecom industry.
* Experience of SNMP-based system and network monitoring tools, particularly at a large scale, will be an advantage.
* Good Grafana skills will likewise be looked on favourably.

**Special requirements**

* Driving license essential.
* Infrequent travel to alternate ITS office locations as requested.