

Job Description

Job Title: Infrastructure Systems Engineer

Location: Office based

Department: Architecture and Development

Position Reports To: Head of Systems and Development

Role

The Infrastructure Systems Engineer role will form part of a team ensuring our systems are reliable and resilient.

The role is diverse and the opportunity to develop is encouraged, up and coming projects to get involved in include implementing Kubernetes on AWS, Ipv6, as well as using current programmes and systems such as containerization, puppet, Linux and PostgreSQL.

Company

Gigaclear is a high growth company delivering fibre-optic broadband to underserved rural communities in England. Started in 2010, the company is expanding rapidly across England. With head offices based in Abingdon, Oxfordshire and a significant proportion of staff based in the field Gigaclear currently has over 200 employees and is pursuing ambitious growth plans.

We develop ground breaking systems in areas such as Geo-mapping Services, we strive to innovate and automate, using LIDAR technology to improve and make our planning and design systems more efficient, we use provisioning systems and CRM to ensure our customer journey is first class.

Key Responsibilities

- Work with teams across the Technology department to design and implement new physical and virtual infrastructure that meets business requirements around availability and security
- Write and maintain scripts to increase system efficiency and lower the human intervention
- Manage and maintain existing Linux based machines, including management of security patches, distribution upgrades, and configuration management systems/codebases

Knowledge, Skills & Experience

- Configuration Management Systems
- Linux Administration – CentOS ideally but any Linux / Unix
- Openshift / Docker / Kubernetes / AWS
- PostgreSQL – system management level, back-ups, replication
- Core internet applications protocols – DHCP / DNS

- Scripting – ideally some Python, Perl, Shell, Bash, Ruby
- Application and network security best practices

Qualifications

- Degree-level background in a computer science field is desirable, but equivalent education/experience is acceptable, with excellent verbal, written and numerical skills.

Our Values

- We are effective and passionate in what we do
- We are speedy and responsive to colleagues and customers
- We are clear and open with all
- We deliver a transformational experience
- We are in a shared endeavour and will succeed together

This job description is not intended to be exhaustive. The post holder will be expected to adopt a flexible attitude to the duties which may be varied (after discussion), subject to the needs of the business and in keeping with the general profile of the role.