



JOB TITLE: DEV OPS ENGINEER (DEV FOCUS)
DIVISION: DEVELOPMENT – INTECHNOLOGY WIFI
JOB LOCATION: HARROGATE
REPORTS TO: DEVELOPMENT LEAD – INTECHNOLOGY WIFI
UPDATED: JULY 2017

The development department within Intechnology Wifi is responsible for building a mobile application targeted at the iPhone and Android to provide rich content and a streamlined experience to users of Wifi deployments for towns & cities. We are also responsible for the backend that provides access to the Wifi.

KEY RESPONSIBILITIES

- Supporting development team:
 - Automation of development processes
 - Development workflows and release management
- Running production backends for our mobile applications and websites
- Improving automation of wifi backend systems

TECHNICAL SKILLS

The ideal candidate will have a high level of technical knowledge relating to installation, maintenance of cloud-based components, supporting the development team and operations. They will also have a high level of knowledge relating to the automation of these processes.

They will be required to possess a broad range of skills that will assist in learning new technologies quickly, which is likely to have been gained from not only working in this field but also from knowledge acquired through personal interests outside the workplace.

The ideal candidate will be able to demonstrate strong experience, understanding and knowledge in the following areas:

- Strong diagnostic and troubleshooting skills
- Puppet
 - Creation of puppet manifests
 - Custom resource types
 - Diagnosis of deployment failures
 - Hierarchical data structures, custom facts.
- Strong AWS skills
- Networking within AWS environment
 - Defining VPCs, subnets, route tables
 - Security groups, network control access lists
- EC2
 - Creation of EC2 instances
 - Managing lifecycle using launch configurations and autoscaling groups
 - ELB
- RDS
 - Creation and lifecycle management of RDS, multi-az
- AWS Code pipeline
 - Creation and management of CodePipeline
 - CodeBuild, CodeDeploy



- Linux administration experience
 - Redhat, CentOS and RHEL

Experience in the following would also be desirable:

- Mikrotik routers
- Open VPN
- Clustered MySQL
- DNS
- Network protocols, routing
- Firewalls
- Level 2 and level 3 networking
- Splunk

ISO

Responsible for ensuring that they are aware of the security policies and procedures of the Information Security Management System (ISO27001) and how these specifically relate to the information resources they have access to.

All security events, whether suspected or actual, must be reported immediately to the Information Security Manager on detection, without exception, including underperforming or broken processes that may lead to information leakage or a security breach.

Responsible for ensuring that all activities are carried out in accordance with their requirements including:

- Ensuring that they fully understand and execute their responsibilities under the QMS;
- Ensuring that they know and understand the company Quality Policy;
- Informing their Department Managers of any quality issues of concern.
- Ensuring that they adhere to best practice.

PERSON SPECIFICATION

The ideal candidate will be able to demonstrate the following skills, attributes and experience:

- An intelligent self-starter with the ability to work on their own initiative to solve problems
- A fast learner with the ability to pick up new skills quickly
- Strong interpersonal and communication skills
- Ability to effectively pass on knowledge to other people
- Ability to work well within a team, putting forward their own views and solutions whilst happy to work under a different direction

HOURS OF WORK

The Company's standard hours of work are 9.00am – 5.30 pm with one hour for lunch; some flexibility may be required from time to time.