Senior Network Engineer Job Role

The Network Engineering team handles the global network infrastructure for GibFibre. As an experienced Senior Engineer, you will be leading, developing and delivering enterprise grade network infrastructure. You will tackle complex problems and use your own initiative to meet the varying demands of the business.

Key Responsibilities:

- You will implement and run enterprise networking solutions with high reliability and availability.
- Introduce new networking technologies or improve existing technologies to transform existing capabilities and services.
- Design, develop and implement orchestration workflows for infrastructure configuration, backup and management.
- You care about network performance and can compose analytics visualizations using 3rd party and custom applications.
- Work closely with video streaming traffic to evaluate performance, efficiency, security and functionality.
- Provide networking domain expertise to other teams.
- Maintain technical documents for solutions and standard operating procedures to ensure services are delivered in an efficient and effective manner.
- 3rd line support of GibFibre network infrastructure.
- Industry watching, both direct or through a third party, to ensure the company is aware and educated on new technologies.
- Participate actively in engineering and architecture solution peer reviews and solution design sessions.
- You will work independently and exercise reasonable discernment with little supervision while providing clear documentation of activities and accomplishments.
- You will interact closely with peers and management across all functional teams.

The above is a snapshot of KPI's for the role albeit is not an exhaustive list of responsibilities. In addition, from time to time you may be required to assist with other key deliverables as required by the business.

Core Skills/Experience

- Polished communication, presentation, training and client relations skills.
- Able to relate to people at all levels and convey complex technical information in an understandable manner.
- Experienced in all aspects of architecture and accessibility techniques.
- Sound ability to establish confidence & trust.

- Excellent organizational and time management skills.
- Calm under pressure.
- Experience in working in a dynamic, fast paced environment.

Qualifications/Technical Expertise

Degree in computer science or a related technical field or equivalent plus 5-7 years' experience in a network engineering or telecommunication environment.

The ideal candidate will have experience in the following technologies:
- Cisco routers & switches (ASR1000, Catalyst & Nexus technologies)
- MPLS, BGP & Internet Exchange Peering
- Network QoS
- Multicast routing
- Network management and advanced IP routing knowledge
- IPTV technologies
- VoIP technologies
- Service Provider transport network types (optical fiber, GPON, broadband)
- IP Network Design & troubleshooting skills
- Provisioning and billing solutions
- Linux OS

Knowledge of the following automation technologies:
- Orchestration using Ansible/Chef/Puppet
- Cisco DNA, ACI, DCNM