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# Example of Network Development Engineer Job Description

Our growing company is hiring for a network development engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for network development engineer

* Multi Terrabit DWDM Network using up to 200Gbit/s per wavelength and WSS technology
* SDH Network delivering form 2Mbit/s to GIGE services for corporate applications and corporate customers
* Network Management Systems that manage these services
* Drive development of solutions to process large amounts of data in support of anti-piracy efforts
* Analyse the inner workings of the infrastructure that is used to illegally deliver content, in particular live streaming
* Build and use lab to gain further knowledge of the infrastructure and clients
* Design, develop and build scalable solutions to process data and take action in relation to anti-piracy
* Work closely with our Network/Systems/Software Engineering teams to ensure fast, smooth roll-out of new designs and products, assist with deployment and sustaining of networking software tools
* Work with customers to achieve problem resolution and deliver simple, sustainable and repeatable solutions and processes
* Create and review documentation and process regarding network implementation/deployments, recurring issues, new standard operating procedures, knowledge transfer material

## Qualifications for network development engineer

* Knowledge of Linux/Unix and other open source software to include BIND and Nessus
* Extensive experience with Cisco VoIP, including Call Manager 6.X, Unity, Contact Center
* Experience with enterprise 802.11 wireless networking 4G/LTE/WiMax protocols
* Bachelor of Science in a STEM Engineering field
* Must be able to work collaboratively in a team environment with other highly motivated network engineers independently at times on large field projects
* Project management experience \* Knowledge of Network Protocols \* Knowledge of Network devices including Security/workload Management VPNs, Firewalls, Proxies, Load Balancing (VIP,WIP) \* Knowledge of Server OS / Virtualization / Architecture Linux, Solaris, Windows, VMware, AWS