Example of Network Engineer Job Description

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Our company is growing rapidly and is looking to fill the role of network engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for network engineer

- Provide maintenance of Integration Lab virtual infrastructure
- Transport Network planning, frequency planning, capacity planning and link design according to customer's defined guideline & KPI
- Development & re-design of Transport Network to support the various network upgrade program
- Re-route of sites due to Transmission link failures, Line of site problems
- Network performance analysis and availability prediction improvement plan and coordinate with operation team for improvement
- Prepare MW link/network documents for implementation and submit to Implementation/Integration team
- Optimize the TX network and recommend improvements from planning prospective
- 3G RAN Interfaces (Iub, Iur, Iu) bandwidth planning and RNC dimensioning
- IP Interface design and Bandwidth dimensioning
- Have good knowledge on L2/L3 and Quality of Service (QoS)

Qualifications for network engineer

- A general understanding of the network interactions between routers, switches, firewalls, load-balancers and the virtualization of servers
- A knack to analyze and problem solve especially in urgent situations
- High school diploma or GED and CCNA certification (or equivalent level of knowledge) is required

- At least 18 months of recent operational network experience in a command-line oriented environment is highly preferred
- Knowledge of Carrier Services – WAN Circuits, MPLS, VPNS, VRFs, DWDM, Frame Relay, Point to Point, OCx, DS3, E/T1s and Ethernet