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# Example of Senior Network Engineer Job Description

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

## Responsibilities for senior network engineer

* Leads the development and implementation of processes and tools to proactively monitor all network infrastructure services to ensure adequate capacity planning, performance, and high availability
* Assists regional campus IT staff in the installation of networking services at new locations
* Assists regional campus IT staff in implementation of best practices and designs
* Develops, updates, and audits network infrastructure documentation, including network diagrams
* Analyzes project needs/requirements and recommends systems to enhance network redundancy, resiliency, and security
* Develops, maintains and communicates project plans and status updates
* Trains and mentors to develop members of the team and other DeVry technical resources, as necessary
* Provides technical project management for infrastructure projects
* Communicates with vendors to obtain system configurations, quoting, and support
* Manages resolution of help desk tickets

## Qualifications for senior network engineer

* Proficient in IP and subnet/CIDR management and associated IPAM technologies
* Self-Starter that requires minimal supervision and can provide oversight and coaching to other junior engineers for any assigned projects or tasks
* Significant Cisco Catalyst and Cisco Nexus experience required
* Firewall experience required
* Ability to conduct operational network warfare product assessment and code review processes
* Strong working knowledge of routing and switching technologies