

## Network Engineer – Level 1

Lighthouse Technology Services is seeking a Level 1 Network Engineer for a Direct Hire role in Buffalo, NY.

### **Responsibilities Include:**

- Maintaining the technology integrity and functionality of the core network infrastructure components used in the support of connectivity for employees and clients.
- Assist the the business to achieve optimum use of their computer networks by performing needs analyses, procurement support, installation, monitoring, training, and problem resolution for the core network infrastructure components.
- Configuration, daily operation, and administration of all core network infrastructure hardware, associated operating systems and communication links.
- Core technologies covered by the Network Engineer include, but are not limited to: switching, routing, load balancing, IP schema's, firewalls, circuits, and VPN connectivity.
- Provides day-to-day and 24x7 steady state support services for all core network technologies.
- Implements and maintains switches, routers, firewalls, load balancers, remote access systems, security appliances, wireless systems, internet connections and private line services.
- Participates in root cause analysis determination and recommends product enhancements or other appropriate actions to improve reliability and functionality.
- Designs, configures, maintains, and manages network security features to achieve optimal performance, maximum availability, minimal maintenance, and reasonable costs.
- Performs customization and system administration for network management, task/project management, help desk, work group integration and documentation on core network technologies.
- Provides support for the successful integration of voice, data, and video services across all core network technologies.
- Collaborates with the business on new hardware and software installations/upgrades.
- Analyzes, recommends, and evaluates new hardware, software, and communications products to enhance functionality in support of the business. Keeps current on developments and techniques in information technology.
- Develops, maintains, and updates a library of technical documentation.
- Works with cross-functional teams in the design and implementation of information technology.
- Responsible to understand the need to protect confidential information, protected health information and any other confidential client information, applying information security principles when dealing with such information.
- Responsibility to understand the internal and Client systems availability SLAs, security, and compliance process, procedures, and reporting requirements.

### **Requirements Include:**

- Undergraduate degree in Computer Science, Information Technology, or a related discipline preferred. Equivalent work experience considered.
- Hands-on network engineering experience

- CCNA or equivalent hands on experience considered (CCIE and/or CISSP highly valued)
- Understanding of the OSI or TCP/IP model
- Hands-on experience with monitoring, network diagnostic and network analytics tools
- Hands-on experience with Next Generation Firewall technology
- Ability to effectively communicate effectively to customers and coworkers.
- Ability to maintain your own work schedule and function with little supervision.

