



## JOB OPPORTUNITY

### Senior Network Infrastructure Engineer

#### Company Overview

Here at VertitechIT, we've created a new path to IT transformation. Our job is not just to solve technical problems, but to develop the strategic solutions that make an organization or healthcare institution thrive. We embrace positive change in ourselves and drive change for our clients. We are Advisors, Confidantes, Strategists, and Innovators for Hire.

#### Who We Are

To label us as "IT Consultants" would be like calling a laptop, a portable typewriter.

We are ever-evolving and hungry for updates... forward thinking but backwards compatible. That stuff about "value-added partnerships" is B.S. and does nothing but imply short-term results. Our focus is (and always be) on long term impact and keeping clients for life. Remember Vanilla Ice, Baha Men, and Right Said Fred? Not many do. One hit wonders are quickly forgotten. We strive to be our client's "greatest hits."

We do amazing work. By combining the tried and true with the new and innovative, we implement the technologies and methodologies that make our clients better, more efficient, and more profitable. We exceed their expectations by shattering the usual barriers that arise between client and consultant. We eliminate in scope and out of scope arguments during the life of every contract by providing access to our entire staff for strategic advice on any topic, any time, no questions asked. Many of our competitors make their living on change orders. We think scope creep is a good thing as it makes for a better outcome and more importantly, allows us to integrate ourselves comfortably into the fabric of our client's organization over time.

Some tell us we're crazy. We like that.

#### Role Title

Senior Infrastructure Engineer

#### Location

Springfield, MA

#### Start Date

Immediate

#### Benefits

We're offering a very generous starting salary (show us why you're worth it!) with an unlimited vacation day policy (yes, you read that right), a matching 401k plan, company-paid health insurance (you read that right too), and a great team-oriented work environment.

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## Role Description

VertitechIT is looking for a Senior Infrastructure Engineer with expertise in networking technologies to service IT consulting and managed service clients primarily based in western Massachusetts and Connecticut. Services include the design, implementation, and management of corporate/enterprise wired and wireless networks. Sometimes you'll go it alone, sometimes you'll be a member of a team, but you'll always be under deadline. You may not know it all but must show a desire to take on new technologies and have the ability to do so in a quick and efficient manner.

We don't want to waste your time and would hope you'd feel the same about us so only those with experience leading successful networking projects on a large-scale need apply.

## Responsibilities

- Configure new and production network devices including L2 and L3 switches, routers, WAPs, firewalls, and VPNs
- Assist in the design of LAN, WAN, and wireless networks
- Assist with the physical installation of network equipment
- Remote and onsite tier 2 and tier 3 diagnosis and resolution of network related issues
- Respond to emergency network outages
- Assist with internet circuit turnups
- Perform routine network device firmware and software updates
- Perform routing network device configuration backups
- Monitor network health, stability, performance, utilization, throughput, security, and latency
- Independently process Help Desk service calls, tickets (service, incident, and problem requests), change requests, and projects tasks
- Write network infrastructure assessment reports
- Create and maintain detailed network documentation, diagrams, and SOPs
- Assume a lead technical role on project tasks
- Provide assistance and training to colleagues
- Identify opportunities to enhance & improve existing technologies within a network environment
- Evaluate and recommend new network technologies and products
- Work with vendors, contractors, consultants, project managers, IT managers, and fellow engineers in the implementation of LAN, WAN, and wireless networks and technologies
- Assists with proposals, quotes, SOWs, vendor, and product selection
- Provide regular updates to project and IT managers
- Travel to client sites, dress and interact professionally with clients, and work at client sites when necessary. A valid driver's license is required
- Participate in an on-call rotation as required (every 5-6 weeks)
- Possibly work after normal business hours, overnight, or weekends as needed by the business or client

## Qualifications, Strengths, and Skills

### Required:

- History of leading successful networking projects in large enterprises

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- Bachelor's degree in IT field or equivalent formal coursework or knowledge in relevant IT field
- 6-8 years of experience working within an IT department servicing corporate and enterprise networks
- CCNA or equivalent certification
- A firm understanding of TCP/IP and associated protocols such as DNS, DHCP, 802.1Q, NAT, PAT, SNMP, SYSLOG, OSPF, and BGP
- Experience configuring, managing, and diagnosing LAN, WAN, and wireless networks and network equipment such as L2 and L3 switching, WAPs, routers, firewalls, and VPNs. All with an emphasis on Cisco equipment
- Exceptional verbal and written communication and interpersonal skills
- Experience writing and maintaining written and visual documentation
- Experience working in or on systems at a datacenter
- Experience configuring IPSEC VPN tunnels
- Experience configuring and managing hypervisor networking; preferably VMware vSphere
- Experience configuring and managing VMware NSX
- Experience with overlay networks
- Experience implementing 802.1x
- Experience with RADIUS
- Experience using network analysis tools like Wireshark or tcpdump
- Experience with network monitoring, device logging, and analytics
- Firm understanding of structured cabling such as patch panels, ethernet, and fiber optics
- Basic knowledge of and experience with a scripting language such as Bash, Python, or PowerShell

## **Nice to Have:**

- Experience with cloud networking (Azure or AWS) and SDWAN technologies
- Experience with an IT automation engines such as Ansible
- Experience with a VCS such as GitHub or Subversion
- Experience with Linux