Wiley K. Craven

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Career Objective:

I am seeking a challenging technical position of a senior network engineer in a reputed organization where I engineering skills in designing and connecting various computers to a central server can help in keeping check on the daily activities.

Summary of Skills:

- Strong experience and technical abilities in troubleshooting problems in network systems
- Excellent hands in working with latest and advanced Cisco switches and routers
- Expert in configuration of VPN, VoIP, BGP, IPSEC VPN, and EIGRP
- Remarkable knowledge of Windows Server, Linux, DNS, SQL Server, DHCP, and Active Directory
- Familiarity with network security concepts and methodologies
- Solid knowledge of TCP/IP and routing protocols

Work Experience:

Sr. Core Network Engineer
Fast Net Communication System, Brave, PA
October 2013 - Present

- Designing and implementing new FastNet POPs, consolidating existing POPs in locations where multiple acquisitions each previously had a presence
- Redundant uplink and power sources were provisioned when possible, and plans established for possible failure scenarios
- Generating profit and loss reports for individual POPs, and recommending either their continued existence or closure based on their findings
- Performing extensive traffic engineering to best utilize upstream transit providers and peering relationships, resulting in significant fiscal savings
- Developing and maintaining a number of tools to assist the Network Engineering group in their tasks, including project management tracking, tracking
- IP, VLAN, and BGP community allocations, visualizing switch-fabric topology, and visualizing BGP route-reflector topology
- Maintaining Network Engineering group's applications responsible for gathering traffic statistic information, utilizing primarily MRTG and RRD tool
- Writing software to allow generation of aggregate graphs, providing insight into traffic consumption for each POP, and providing an overview of the company's overall upstream transit capacity

Network Engineer - Team Leader
Lana Software Systems, Brave, PA
February 2011 - September 2013

- Supervised two Network Engineers responsible for maintaining the Netaxs network, turning up new customers, and planning for future growth
- Delegated ownership of long-term projects, reviewed work, and tracked progress
- Coordinated and assigned staff aptly and scheduled on-call hours for handling escalations from the Network Operations Center
- Generated monthly progress reports to the Director of Research and Development and Engineering
- Provided Sales Engineering during sales presentations for high-revenue customers

Sr. Network Engineer
Zap Systems, Brave, PA
April 2009 - January 2011

- Worked closely with the Director of Network Engineering and the Director of Provisioning to implement a maintenance window and develop configuration review procedures, resulting in a substantial improvement of the network's uptime
- Developed software to generate reports of all router configuration changes made across the network on a daily basis, and procedures to reconcile those changes with proposed configurations which had been approved to be implemented during the maintenance window
- Deployed a large-scale HSRP solution to improve the uptime of collocation customers, in the event a core router became unreachable
- Turned up dark fiber leased from MFN utilizing Cisco ONS 15454 DWDM equipment, interconnecting POPs in New York City, Philadelphia, Baltimore, and
- Washington, D.C. at OC48 speeds, and provided Netaxs with the ability to sell OC3, OC12, and GigabitEthernet point-to-point circuits along the same path
- Oversaw the development of the Netaxs ticketing system, used company-wide to track customer and inter-departmental requests, as well as long-term projects
- Developed software responsible for invoicing customers with unusual, contractually obligated methods of billing

Education:

- Bachelor's Degree in Computer Engineering
  ABC University, Brave, PA
  2008

Reference:

On request.