**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.