JASON LOW

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**OBJECTIVE**

Seeking a leadership position in Network Operations.

SKILLS

* Optical Networks on following products: Cisco ONS 15454 networks, Ciena 6500, Fujitsu 9500
* NMS systems utilized: Big Brother, Netexpert, SorarWinds, SNMPc, Naviscore, NEMOS, Powertools, Sigma, Spectrum, RedHat.
* Proficient with the following Routing protocols: BGP, MPLS, OSPF, EIGRP, VPLS.
* Proficient with Test gear associated with operating a Head end to include Expo and JDSU T-Berd 8000
* Proficient with CTC, CTM, Site Manager, One Control, Granite, Java.
* TCP/IP protocols.
* CMTS Configuration and Maintenance on the following products: Cisco 7200 and 10000 UBR, Arris C4, Bigband Cuda 12000, Terayon Bluewave, Motorola BSR, River Delta.
* Cisco Router/Switch Maintenance on the following products: Cisco CRS,3620, 4500, 7500, 2600, 10000, 12000 5500.
* Juniper 960, EX 4200, Alcatel 7750 routers.
* Control Chassis, remote access dial up asynchronous routers.
* Microsoft products used: Microsoft Office, Windows 7 PRO, Windows NT, VISIO, Frontpage.

**EXPERIENCE**

**January 2018 – Present Datafield Technologies Services**

**Network Engineer**

Provisioning commercial customers routers and switches for different services including bandwidth upgrades

Perform audits on circuits for major service providers

Research and design customer circuit layout, create visio drawings of those circuits, and hand back to customer

Planning and Design Guides for service providers

Material and budget request for upcoming design builds

**September 2013 – December 2017 Time Warner Cable/Spectrum, Rochester, NY**

**Senior Network Engineer Optical/Transport Services**

Upgraded capacity on the Northeast Regional DWDM Network to 1.2 Tb

Lead the optical team on new Ciena build and migrations including hub and network redundancy

Supported Commercial and IP team in troubleshooting/resolving outages

ROADM builds and configurations on DWDM platform

Planned and Designed Rochester hub sites for new Optical builds

Instructed/guided vendors in circuit testing and equipment assembly

**April 2012 – September 2013 Time Warner Cable, Rochester, NY**

**Senior Network Engineer**

Responsible for maintaining The Network infrastructure for Rochester and Buffalo

Trained team members on CMTS troubleshooting and routing protocols

Lead in removal of Rochester Legacy Cisco GSRs/SRP ring

Build BGP aggregation points on Rochester metro

Upgraded Regional Transport Ring

***June 2006 – April 2012 Time Warner Cable, Rochester, NY***

**Regional Network Engineer**

Job description same as below with the exception that the area of coverage is for the states of New York and Maine

Support and maintenance of DWDM gear and Optical Network for the Northeast Region

BGP configurations for Commercial customer handoff including MPLS Tunnels

Additional duties include DHCP Configuration on Cisco CNR Servers

***June 2005 – June 2006 Adelphia Communications, Wellsville, NY***

**Regional Support Engineer**

Responsible for the installation and maintenance of CMTS hardware, routing hardware, and WAN links in the area of Western NY and Northern PA

Provide primary regional network operations support for data network systems

to include high-speed data operations over broadband cable networks. On call 24x7 to support the NOC during network outages

Responsible for a regional network infrastructure for Adelphia, providing a variety of service

Responsible, at regional and local level, for the installation, maintenance, provisioning, and monitoring of network devices necessary for the company’s service offerings of high speed data to include high speed data operations over broadband cable networks

Assist as necessary in the design, testing, and implementation of the networks for these services

Participate in planning, scheduling and implementing the deployment of data networks

throughout the assigned region, as well as assisting in the appropriate training of field technicians. Perform Change Management during off peak hours

***July 2004 – June 2005 Adelphia Communications, Coudersport, PA***

**IP Broadband Engineering Supervisor**

Assisted the IPBEO Manager with the management of the IPBEO department

Reviewed Trouble Tickets to ensure complete and accurate information has been gathered and placed in the Trouble Tickets

Responsible for tracking and reporting Shift workload, root cause analysis and reporting, scheduling, escalations, research

Managed IPBEO Technicians and assisted in troubleshooting the network and DOCSIS equipment

Assigned projects to individuals with deadlines to meet

Provided monthly CMTS Firmware reports to Adelphia Regional Engineers, to ensure all CMTSes were running current supported Firmware, and request upgrades for those that were not

Assisted with VoIP trouble tickets and troubleshooting for resolution

***May 2000- July 2004 Adelphia Communications, Coudersport, PA***

**Network Operations Center Technician/ IP Broadband Engineering Tier 2 Technicians**

Monitored and maintained data networks and systems for alarms and performance

Provide support for IPBEO Tier I Technicians

Assisted Field Technicians/RSEs/DFEs in troubleshooting the network and DOCSIS equipment

Monitored and maintain Digital Television and IP Backbone

Performed, and coordinated, installation and testing of systems and services

Troubleshoot all problems associated with data networks and services

Daily communications with CMTS vender Engineers

Provided high standards of quality for the operation, monitoring, maintenance and repair of data services and related equipment

Provided support for ACC SONET Ring and DTV equipment

Maintained Fast Ethernet connections

***Sept.1994-May 2000 Adelphia Communications, Coudersport, PA***

**Bench Technician**

Performed repairs, modifications and upgrades for RF distribution equipment

such as amplifiers, Cable TV test equipment, and head end equipment

Performed satellite configurations and maintenance

Installed computers and optimize software packages for head end equipment

Provided terminal technical support for field technicians and system management

Maintained accurate inventory of parts and supplies necessary for operation

Supervised co-workers, and train new technicians within shop

***Sept 1990 – Sept 1994 United States Army***

**Special Electronic Devices Repairman**

Performed maintenance for specialized electronic warfare equipment

Implemented and monitored training for new personnel

Supervised ten personnel performing micro-miniature electronic maintenance

Managed sensitive parts inventory for equipment

**EDUCATION**

1998-2000 University of Pittsburgh –Bradford, Bradford, PA

Course subjects covered business telecommunications, 3 layer switching, 4 layer switching, Local Area Networking, Wide Area Networking, DS0’s, T1’s, DS3’s, Cat5’s, Optical Circuits, and all other subjects under Internet Protocols