

Gary J. Budnik

Telecommunications Professional

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CAREER OBJECTIVE

Telecommunications professional seeking a challenging *TECHNICAL SUPPORT*, *SYSTEM TEST* or *OPERATIONS* position that will utilize my extensive technical and engineering background, which ranges from the structure of a Fortune Global 100 company to the entrepreneurial spirit of a small startup, along with international exposure.

Experience in both R&D and service organizations provides me a thorough understanding of both company and customer needs. I have extensive knowledge in all aspects of new product or service development, launch and life cycle support. Being self motivated and able to grasp new technologies allows me to take on complex assignments.

I am very comfortable working directly with customers, both in crisis situations or at field trials trying to win new business. Proven leadership, problem solving skills and the ability to work under pressure makes me an ideal candidate for any position requiring strong technical skills with the ability to foster customer relationships.

Overall, my work ethics and self imposed high standards represent the company in a positive manner.

TECHNICAL SKILLS SUMMARY

Areas of Expertise in Multiple Disciplines:

- GPON / BPON Ethernet throughput, VLAN tagging models, QoS, VoIP protocols (SIP, MGCP, H248), IGMP/Multicast (Minerva and MediaRoom), E1/T1 PWE (CES), OMCI, Power Shedding, Security, Alarms and AVC reporting, RF Video Overlay, Integrated RF Return, Optical Budgets and IP Networks in general.
- CARRIER ETHERNET / MICROWAVE BACKHAUL Juniper MX series as the MPLS core. T1/OC3 PWE (CES) both CESoP and SAToP, APS 1+1. Clocking methods BITS, Sync-E and ieee1588. QoS using P-bits or DSCP. Provider Bridge or Q-in-Q. Ethernet OAM using CFM CCM. ELan (TLS) and ELine (PTP) services. Ring and non-ring topologies with path protection. MW configurations ie; 2+0. 1+1, RSL budgets, TDM.
- SOFTSWITCH AND VOIP GATEWAYS PWE, SIP, MGCP, MEGACO, SIGTRAN, IP, RTP, GR303, V5.2, E1/T1
- IP NETWORKS Knowledgeable in various switches, Juniper MX routers, L2, L3 and MPLS. Various servers for lab use (DHCP, TFTP, FTP, IPTV...). CCNA trained. Working on Juniper certifications.
- BBDLC ACCESS SYSTEMS IP-DLSAM, ADSL, VDSL, VoATM, GR303, V5.2, SONET and OC3, SNMP
- CLASS 5 SWITCHING GR303/GR008, SS7, Line and Trunk side call processing and maintenance features
- TEST EQUIPMENT & MISC Expertise in a wide array of TDM and IP Packet load generators, simulators, protocol analyzers AND optical test equipment. Working knowledge with Test Director, scripting, Windows, Linux, Solaris 10, Clear Case, CVS, C/C++, VB, Assembly and MS Office Suite.. Worked with EMS/NMS systems utilizing SOAP, SNMP and NETCONF.

Job Positions / Responsibilities:

- TECHNICAL SUPPORT 24x7 on-call support, write/review/verify customer Trouble Locating Manuals, MOPs and Technical Bulletins. Duties also included, RCA (Root Cause Analysis), system upgrade verification, Field Trials, and Sales/Marketing. Participated in development design reviews and RFP response teams. Organized and led meetings to discuss options for problem resolution and prevention. Provided formal and informal training internally to TAC-1, field personnel, sales and customers.
- SQA / VERIFICATION TEST Wrote and executed test plans based on internal requirements, external standards and customer specific requirements. Provided input to requirements and design process. Worked closely with HW/SW developers during design/implementation phase both supporting their efforts and performing informal exploratory testing. Manufacturing Test Support.
- NETWORK / LAB DESIGN Research to identify test equipment and other capital needs, network planning, test automation and resource requirements. Offered cost effective alternative solutions.
- INTEROPERABILITY TEST Performed detailed interoperability testing in BPON, GPON and GR303 systems. Thoroughly documented test results, issues and final reports both internally and to the customer. Organized and led meetings between the company and customer to resolve issues.
- PROJECT MANAGEMENT Relating to technical projects such as Lab Network Design, Field Trials, Interoperability Testing, Process and Tool design. Worked with ISO-9000.

PROFESSIONAL EXPERIENCE

iPhotonix LLC

Sr System Test and Support Engineer for GPON ONTs

2012 - Present
Richardson, TX

Duties include:

- Normal system test duties including writing test plans for new features and regression test
- Interop testing with Adtran and UbiQuoss OLTs
- Lead meetings with partners to resolve issues
- 24x7 on call support for OLT partners
- Lab design and test equipment research

Nokia Siemens Networks

Sr. Carrier Ethernet / MW Care Engineer

2010 - 2012t
Irving, TX

Primary role is to provide TAC-2/3 services for Carrier Ethernet and Microwave Backhaul solutions .

- Lab network design, identify capital needs, trouble reproduction, MOP testing and new SW verification.
- Work closely with internal integration and network planning teams.
- Provide informal training to colleagues in TAC-2 and customer on-site or WebEx sessions.
- Participate in new Product Introduction teams
- Secondary role is 24x7 Technical Support for CET solution with Juniper MX/EX as the MPLS Core, Microwave backhaul, and part of Emergency Handling

TXP Corp / Siemens Subscriber Networks

Distinguished Member Technical Staff

2005 - 2010
Richardson, TX

Primary role in SQA/Verification Test and Technical Support for both TXP and Cambridge Industries Group ONTs and customer network issues.

- Performed BPON interoperability testing with Motorola, Calix and Ericsson (Entrisphere).
- Performed GPON interoperability testing with Adtran, Hitachi, Occam, Siemens, Tellabs and Zhone
- Joint testing with GPON SOC vendors on eval boards (Broadlight, PMC Sierra)
- Lab Network Design in new facilities (TDM, ATM, IP, Video and Optical Networks)
- Worked with HW and SW engineers during Design Verification Test.
- Provided on-site training to Sprint/Embarq at various locations.

Siemens ICN

Distinguished Member Technical Staff

2000 - 2005
Lake Mary, Florida

Primary role in an SQA/Verification Test and Technical Support for the Accession BBDLC.

- Provided training to Sales/Marketing, TAC-2, Field Service and multiple customers.
- Led a TAC-3 group to support customer service.
- Spent a year evaluating/testing VoIP Access Gateways to be used in the HiQ softswitch solution.
- Performed initial research in the BPON R&D group. Part of a team assembled to evaluate the purchase of Quantum Bridge (Motorola)

Siemens ICN

Principle Member Technical Staff

1985 – 2000
Boca Raton, Florida

Majority spent in a TAC-3 environment for the EWSD Class 5 switch and related CPE. Considered an SME in the line and trunk side features and maintenance.

- Led an RCA (Root Cause Analysis) team for major service disruptions and bad patches.
- Designed criteria for testing patches, which included design of a test plan tool.
- Worked closely with Tier 1 customers testing major release content or new hardware.
- Initiated a business plan to perform GR303 interoperability testing between EWSD Class 5 and GR303 DLCs. These efforts generated **several hundred thousand dollars** of non-system revenue. Vendors included Lucent, Nortel, ADC, Fujitsu, Reltec, DSC, AFC

US Army, GTE Sprint, ITT North (International)

Vietnam Veteran, Led installation and test teams, lived in various countries for 7 years

1974 – 1985

PROFESSIONAL REFERENCES

References available upon request