Mulbreght Steve L.

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An experienced detail-oriented Technical Engineer
with a strong solution network design, implementation and troubleshooting skills
needed in solving complex issues while maintaining delivery of products and services.

Summary

2 Years   – CIO / Technical Director of Mobile Technologies and Solutions
18 Years – System Design and Engineering Solutions Client Experience (Pre-Post sales)
18 Months – Mobility Wireless/Software Solutions Client Experience

CAREER PROFILE

- Seasoned professional and team player, with outstanding pre –post sales network engineering background, to include wired and wireless network design solutions, execution, monitoring and resource planning which provides the ability to support multiple simultaneous projects in a team originated environment while meeting or exceeding our implementation and deliverable deadlines.
- Excel at communicating and mentoring customers and team members to provide accurate reporting and information regarding the ongoing daily projects, and initiatives to keep on time and in scope.
- Experienced in coordinating, negotiating and motivating clients and other outside resources in support of timelines and customer IT project deliverables.
- Effectively training, motivating and mentoring onsite IT managers, engineers, developers and technicians.
- Effective coordination with client/sales team in developing user acceptance testing and verification for final IT approval of infrastructure hardware and software deliverables through interactive involvement.

Experience:

Consulting Contractor - Portland, OR
8/12– current
Consulting Network Engineer

- Design and Implementation of New Local School District's Jr. High School technical infrastructures and student labs, integrate the new Jr. High campus into existing OSPF/L2 Vlan network for End User Services and Student / Customer Managed Devices. Responsible for designing and managing budget and cost of new infrastructure wired and wireless, Service Development and Service Delivery based on key stakeholder's timeline, milestones and schedules.
- Work closely with Staff and Students to develop a project plan including delivery and installation of new systems equipment campus-by-campus and room-by-room. Implement new OSPF/L2 Vlan network infrastructure and components to include hardware /software products and other IP based Security equipment upgrades.
- Developed and supported a system of controls designed to allow school district to stay, on schedule, and on budget.
- Managed the following School District's equipment hardware and software ordering and acquisition process for staging, testing, burn-in, installation and verification. OREN (Oregon Regional Education Network) systems that are mission critical.
    1. Banks ESD – (Domestic Education K-12) (New Jr. High, integration to existing OSPF/Vlan core)
    2. Beaverton ESD – (Domestic Education K-12) (56 schools three high school campus's IP redesign.)
    3. Reed College - (Domestic Education Private College) one campus (IP based VOIP Project)

Other Simultaneous Projects: Education Solutions for Sate of Oregon ESD, Reed College, and Corporate review of Breitling Instruments network operational support outsourcing project.

NewWest Technologies - Portland, OR
4/10 – 7/12
CIO /Technical Services Director /Sr. Network Engineer

- Design, Installation and implementation of New Mobile cloud based solution (MSP) for the retail clients or distribution control centers, while upgrading retail/distribution locations to the New Mobile cloud solutions achieving timelines, milestones and schedules.
- Reporting directly to team with Weekly/Daily Client Status Reports.
- Managed New West Tech Support Helpdesk and IT teams – replacement of multiple single server SQL environments to a load balanced a dual redundant blade server approach with VMware to insure data integrity and PCI security compliancy.
- Worked extensively with New West Tech's SQL based systems to maintain PCI Compliances and to keep (ER) Expenditure Requested capital projects on track, on schedule, and on budget to include (PCLR) Purchase Change Labor Request approvals, Forecasting and project TCOs.
- Worked closely within IT departmental groups to develop, deploy and track the necessary projects for New West sales to determine needed internal and external resources and Vendor services to include delivery state-by-state, city-by-city and site-by-site mission critical infrastructure systems.
- Developed and project managed, New West Mobile Wireless testing and product compatibility plan, Generation of Wireless WiFi/WAN/LAN equipment tested and approved to be compatible with the needs of New West Mobile Retail Wireless Sites.
- Maintained master schedule for installing and implementing 258 New West virtual cloud instances along with 346 handheld Mobile units and AP's (access points) at over 76 New West Customer locations throughout North America.
- Managed New West's technical resources, support and post sales installation scheduling, progress and performance tracking, measurement and evaluation.

- Created documentation development, Visio architectural design templates, drawings and deliverables for Projects as needed. Infrastructure Information data validation and verification by New West IT/Security and Compliance Office in preparation for deployment and installation.
- Worked closely with New West IT Data Networking and Security Groups to develop and deliver Visio documentation for new Customers Mobility solutions and corporate Wireless WAN security requirement.
- Maintain documentation, Produced Visio Wireless layout Drawings, Physical and Logical Drawings.
- Developed Perimeter wireless device identification list for New West's Control Centers and 24x7 Helpdesk.
   * Contributed key helpdesk metrics on status and communications with weekly progress reports.
   * Assisted in preparation of MS PowerPoint presentations and documentation for Pre-installation site audit.
   * Developed and produced Wireless WAN/LAN security documentation (IT Data/ Telecommunication.)
- Designed Visio architectural layouts and Excel templates for New West Sales, New West Customer Wired/Wireless Projects.
- Developed Access Control List (ACL) Firewall Rules and configuration templates to identify Firewall Change Request Form (FCRF) association w/ ACL rule and line configuration configured on Cisco PIX and ASA firewalls for PCI Electronic Security Perimeters (PCI) requirements.
- Responsible for documenting New West's IT Networking Access Point's and Critical Cyber Assets device software verification and certification for PCI requirement and compliance listed below with Visio logical services drawings:
    1. New West - Control Centers - (Domestic Sites) Western Region US.
    2. New West - Retail Locations – (Domestic Sites) Western Region US.
    3. New West - Collocation Sites– (Domestic Sites) Western Region US.

Foundry / Brocade Networks (purchased by Brocade) – Portland, OR
2/00 - 3/10
 Sr. Engineer Pre-sales

- Regional Systems Engineer for Pacific North West (PNW) Oregon Southern Washington and Idaho, verticals to include K-20 Education, small to large Enterprise, Entertainment shops (Movie Houses) and Rural Service Providers, and other strategic named accounts.
- Pre–Post Sales knowledge of Switching/Routing, Policy-based VLAN's, TCP/UDP, SSL, DNS, VRRP, IPV4, IPv6, L4 thru 7 LB methods, Virtualization, DSR, URL, SIP, HTTP.
- Strong knowledge of Cisco, Juniper, Extreme, F5 Networks, Force10, A10, Radware, and Citrix and Microsoft.
- Responsible for assisting and growing technical sales and engineering support for over 350+ client accounts in PNW.
- Formulated technical solutions and services based on clients needs or current infrastructure limitations to insure successful completion on any given product solution or services projects proposed.
- Worked with Brocade sales to project quarterly customer budget expenditures, and to manage all technical customer communications.
- Developed Mop's (Method of Procedure) for the implementation of each customers MPLS/VPN voice, video, data wireless network backbone access points as needed.
- Work with Account Managers to accelerate reseller's awareness of Brocade Products and solutions.
   Reseller Training's: "Lunch and Learn", Trade shows, user groups, Community College Tech speaker
- Started PNW Foundry technical user group to create technical awareness and brand loyalty.

Other Simultaneous Projects: Laika Studio's and Comcast Inet Backbone Network operational equipment support project.

Marconi Communications (Formerly: FORE Systems) – Portland, OR
6/98 – 1/00
ATM Engineer Pre-sales
- Project managed the implementation of AT&T Wireless ATM core data and voice for the support of End User Services, Customer Management, Service Development and Service Delivery.
- Contracted Project Manager Consultant for Voicestream Wireless (T-Mobile) (Corporate Office) ATM Data & Voice physical backbone designs, equipment installations and implementation for 21 US Telco (POP) sites.
- Project managed the pre-site staging, installation and implementation of Cisco Systems second-generation switches Service Development and Service Delivery.
- Plan developing and plan implementation of Western Wireless Mops (Method of Operation Procedures) and SOW (Statement of Work) for a wide range wide area networking solutions for client installation of Layer 1 and Layer 2 equipment from Cisco Systems.

Other Simultaneous Projects: Sprint /MCI ATM Network Connectivity Optimization Project

Anixter Inc. - Beaverton, OR
1994 - 1998
Pre / Post sales Design Implementation Engineer
- Formulate conceptual WAN designs. Plant and implement equipment installation and configuration. Test and troubleshoot ATM, Frame Relay and Internet backbone network equipment's physical, logical connectivity and CLR's for trunks and circuits.
- Designed and created Visio / CADD architecture templates and site documentation for installation process for sales and direct third party vendor installers.
- Configured logical and physical parameters to new Frame Relay switches, ATM switch, Cisco Internet (router) cards and ports for new site installations using HP Openview (Cascadeview) and (Ciscoworks).
- Duties included building and provisioning NNIs, DLCIs, Permanent Virtual Circuits (PVCs) through the network architect.
- Capacity Planning and alarm monitoring with Micromuse software, Ciscoworks and HP-Openview.

- Responsible for installation, configuration, test and troubleshoot WAN and LAN designs for network equipment.

- Designed and implemented a wide range of local and wide area networking solutions.
- Assisted the sales team with all areas of network infrastructure components High-end routers and high-speed switch, Ethernet switches and hubs LAN/WAN device specifications and cabling placement.
- Built client technical training presentations for sales opportunities.
- Specialized vendor training and technical phone support on Anixter's specific vendor product line.

* Education:

*Educational Qualifications:

Associate Degree – still in progress

*Certifications: Certified vendor training:

Anixter Technical Training Certifications
- **Nortel – Baynetwoks** *Vendor Training Certificate 1995
- **3-Com** *Vendor Training Certificate 1994
- **IBM** *Vendor Training Certificate 1994
- **Aironet Wireless** Training Certificate 1996
- **Network General Certified Training** *Vendor Training Certificate 1994
  Distributed Network Monitoring
  Sniffer Distributed Sniffer Portable

FORE Systems Technical Training Certifications
- **ATM Guru** *Vendor Training Certificate 1996, 1998
- **Cascade /Ascend Communications** *Vendor Training Certificate 1996

PCI NERC CIPS Training:
- **FERC Standard of Conduct 2008, 2009**
- **CIPS Overview – 2008, 2009**
- **PCI Security Standards - 2012**

Foundry Training:
- **FNCNE certification 2009**

Brocade Training internal:
- **BCNE certification 2010**

* Special Skills and Qualifications:

- **Ability to operate independently under established guidelines**
  Ability to coordinate and prioritize work from multiple sources
  Excellent organizational and time management skills
  Excellent Microsoft Project and Visio skills
  Strong analytical skills to evaluate cost and schedule variances
- **Ability to manage multiple functions and responsibility in energized and fast environment.**
- **Ability to coordinate and apply a diversified knowledge of principles and practices in assigned technical areas.**
- **4+ years of project control experience in Networking and Telecomm or a related technical field.**
- **Extensive experience working with Microsoft Office 2007-Excel, Word, PowerPoint, Visio and Outlook programs.**
- **Extensive working experience utilizing SNMP based Network Management software to assist in scheduling, reporting and progress planning of current environments.**

** References:

Provided upon request.