Shanard Barker

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TOP SECRET SECURITY

CLEARANCE

(EXPIRES DEC 2016)

Knowledge and Skills

Network Architecture & Design

Evaluation and Testing

Procurement

Vendor Negotiations

Equipment

Services

Project Management

Installation

Service Provisioning

Capacity Management

Network Management

Project Management

Implementation

Proactive Maintenance

Change Control

Outage Management

Technical Support

Vendor Management

Network Management tools

Support Contracts

SLA’s

Field Services

Site Surveyor

Service Delivery

Test and Acceptance

Installations

Trouble Resolutions

Inventory Management

Work Force Management

GPS Vehicle Tracking

Satellite Radio Services

Wireless Data Services

Fleet Maintenance

OBJECTIVE

To obtain a challenging position as a skilled Informational Technology professional or Technical Project Management in an organization seeking to improve its ability to execute and achieve strategic organizational goals.

WORK EXPERIENCE

Primal Innovation – Afghanistan –August 2013 – Present

Lead Computer Analyst

C3 CIED I/II MEF

* Provided technical solutions in conjunction with other architects and bases recommendations on customer requirements, cost/performance, growth factor, and life cycle management.
* Provided technical solutions and served as technical consultant to various O4 to GO level entities within RC-SW Afghanistan.
* Responsible for FRS,s and Marines while monitoring and gathering of intelligence information from measurement and signature intelligence data sets, along with preparing findings to formulate a useful analysis which can be utilized in making life saving decisions.
* Perform fiber optic repairs utilizing OTDR equipment and ribbon splicers. Investigate, troubleshoot, and resolve field installation problems on servers, network switches and ports.
* Perform repair and logistics tasks consistent with team operating procedures. Prepare reports and liaising with local officials to provide program updates.​

Rockwell Collins –Afghanistan – July 2012 – August 2013

Customer Service Engineer

CLR-15 S6 Wire Marine Corp/OSP/ISP Wire Technician

* Supervising, installation and fault isolation of communications networks in the field and fixed facilities.
* Fiber splicing/termination (mechanical and fusion) SC, ST, LC, FC connectors, fiber fault locates & Fiber Patch Cord assembly. Copper cabling, including buried and aerial.
* Proficient in Fiber optics, LAN & WAN Services Cisco switches and router installation/installation i.e.CAT5, CAT5e, CAT6 terminate RJ45's 568A & 568B Color Code standard's.
* Responsible for inside/Outside wiring for data and voice services, fiber for long haul Telco infrastructure projects, fault isolation of LAN interconnections and WAN circuits, and on-the-spot computer support for end-users.

DRS Defense Solutions – Iraq – MARCH 2008 thru DEC 2011

Lead Field Service Engineer

MNF-I/USF-I J6 Plans and Policies - Enduring Communications Fiber Optic Transport Network

* Lead technical design, engineering, procurement and implementation efforts for a new Packet of over SONET/SDH wide area network supporting US enduring military forces and agencies in Iraq.
* Provided technical support for USF-I and supported Leadership with engineering SME for USF-I projects throughout Iraq.
* Collaborated with Iraqi commercial telecommunication vendors to provide interconnectivity for 11 sites with STM-1 data capacity to remote regions.
* Developed and managed the configuration, distribution, and accountability of 3400 Satellite radios 1440 Vehicle install kits and 646 Tactical Operations Systems.
* Project valued at $53M to provide Strategic Communications.
* Saved $7M through resource reallocation process.
* Project facilitated the drawdown of US Forces.
* Provided onsite Engineering solutions and resolutions for installation of SONET Network.

DRS Defense Solutions – Iraq – MARCH 2008 thru DEC 2011

Project Manager/ Lead Engineer

MNF-I/USF-I J6 Plans and Policies - Dedicated Tactical Communication Systems (DTCS)

DRS Defense Solutions – Iraq – MARCH 2008 thru DEC 2011

Project Manager/ Senior Computer Systems Analyst

MNF-I/USF-I J6 Plans and Policies – Iraqi Disputed Interior Border Communications Plan

* Project garnered visibility of Director of Communications and warranted urgent action for the installation of tactical communications infrastructure.
* Conducted site surveys and developed equipment list and installation plans.
* Provided engineering plans for an internal Iraqi robust fiber network.

DRS Defense Solutions – Iraq – MARCH 2008 thru DEC 2011

Installation and Engineering Project Manager/ Senior Computer Systems Analyst

MNF-I/USF-I J6 Plans and Policies – Technical Control Facility Build out

* Project valued at $4M chartered to provide a TCF at a new Forward Operating Base (FOB)
* Provided technical solutions in conjunction with other architects and bases recommendations on customer requirements, cost/performance, growth factor, and life cycle management.
* Provided technical solutions and served as technical consultant to various entities within the International Zone Iraq.

DRS Defense Solutions – Iraq – MARCH 2008 thru DEC 2011

Installation and Engineering Project Manager/ Senior Computer Systems Analyst

MNF-I/USF-I J6 Plans and Policies – International Zone Iraq

* Provided designs, procurement and installation of LAN/WAN equipment.
* Provided oversight for the configuration of transmission systems (radio/microwave), cable/fiber installation to build out.
* Provided Statements of Work (SOW), Build out of Material (BOM/ROM)

Oberon Associates/SAIC – Iraq – OCT 2007 thru MARCH 2008

Intermediate Systems Engineer

Task Force Business Service Operation (TFBSO) Information Communications Team (ICT) Camp Victory Iraq

* Engineered the installation and configuration of the Nortel OPTera 4100/4200/4800 Fiber switch to establish a STM1/4/16 Link.
* Engineered a design for a fiber infrastructure for a TFBSO compound in order to Support the US Secretary of Defense

Facility Maintenance

Power Systems

Generators

Battery Plants

Automatic Transfer Switches

Security and Access Control

Voice Network Equipment

DMS 100-250/500, Broadband

STP, SL1, PBX, SS7

Alcatel/DSC 600E

Lucent - Excel, PathStar

Juniper CTP Gateway

Secure Voice

Transport Equipment

Nortel – Transport Node, Access

Node, Channel Node

Cisco – ONS 15454

Tellabs – 5500, 5300, 532, 530

DACS Systems

Tadiran DACS Systems

Alcatel/DCS – 1630, 1631

CS1L, 3/3 DACS Systems

Various M13 Multiplexers

Adtran/CAC/other – Channel

Banks, DSLAMs, IADs, and

Other Edge Devices

Transport – Analog circuits and

Trunks, SONET/SDH, PDH

(DSO/DS1/DS3/T1/T3), ATM, Frame

Relay, Private Line, DSL, Metro Ethernet

Data – LAN/WAN, Analog,

Routing, Switching, ATM,

Frame Relay, Security

Network Mgmt Tools

NetBoss

NetCool

HP OpenView

SolarWinds

Scrutinzer

Remedy

Various other Networking tools

SAIC/DISA CONUS RNOSC - Scott Air Forces Base, IL. – OCT 2006 thru OCT 2007

Network Controller/Operator II

* Responsible for monitoring, operating, managing, troubleshooting, and restoration of services for ATM/Promina/MSPP/SONET services.
* Performed Fault isolations and diagnostic /assessment functions.

TAMSCO – Iraq – AUG 2005 – thru AUG 2006

MNF-I C6 / CCC-I Transmission Engineer

* Designed, coordination and sustainment of the Inter- and Intra Theater telecommunications architecture with the Iraqi Area of Operations.
* Oversight of Promina 800 Multi-Service Access Terminals and over the wired/wireless transmission systems.
* Reviewed Request for Services (RFI) and Authorized Service Interruptions (ASI) for tactical correctness and user impact.

ITT Federal Systems – Afghanistan – SEPT 2004 thru August 2005

Defense Information Infrastructure (DII) Technical Control Technician

* Responsible for the installation and monitoring of all Promina 100/400/800 equipment for 6 Forward Operating Bases (FOB).
* Served as field technician to isolate and repair equipment as needed.

Verizon - Federal Network Services/SAIC – Scott Air Force Base Scott, IL – NOV 2000 thru SEPT 2004

Network Controller/Operator II

* Responsible for monitoring, operating, managing, troubleshooting, and restoring to service any of the components comprising of the DISN or DRSN network over ATM.
* Performed proactive monitoring of network elements alarms and alerts.

**Education and Military Career**

Western Governors University – Currently pursuing BA Information Technology- Software

Belleville Area College, Associates Applied Science - Microcomputer Electronics, 2000

Concordia College, Associates - Liberal Arts, 1994

US Navy Reserve, Information Systems Technician ITS-2 E5, May 2002-2005

US Marine Corps, Kaneohe Bay, HI, 2nd Battalion 3rd Marine Division, June 1988 to July 1992

**Professional Certifications**

Security Plus (October 2010) Promina Operations and Promina Maintenance Certification

Technician Legacy MCI Systems (60hrs) Technician ATM - Option 1 (30 Hrs)

Technician High Speed Frame Relay (40 Hrs) Option 1 Technician Frame Relay (32Hrs)

Technician Private Line (80 Hrs) Logical Activation (30 Hrs)

Option II Frame Relay (24HRs) High Speed frame Relay (40 Hrs)

Technician- New Hire - Mentor (112 Hrs) ATMS (Introduction to ATM, Ports and PVC's, T1 ATM, Frasi)

Technician- New Hire - Basic (120 Hrs) Theory and Operation of Option 1 High Speed Frame Relay (120 Hrs)

Microcomputer Electronics Certificate, Military, Kaneohe Bay, HI, 1988

Private line (Introduction to Analog communication, Analog Data and Voice Circuits) (120 Hrs)

Hands-On Practice in Installation and Maintenance Procedures for Technicians (112 Hrs)

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