**SEAN F. BARNES**

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**IT Manager / Technical Project Manager**

A technically-sophisticated management professional with a pioneering career that reflects strong leadership qualifications coupled with “hands-on” IT and logistical expertise. Designed, developed, and implemented technical infrastructure and systems solutions that meet diverse needs across company divisions. These assignments have enabled me to develop specific industry experience and valuable, transferable skill sets that will improve organizational performance.

Contractor\Consulting Experience

**USDA May 2013 - Present**

**Contractor: Senior Business Analyst**

Work with project teams on throughout the project lifecycle to support enterprise analysis, requirements, development, testing, and deployment processes. Identify and document customer requirements in accordance with FSA SDLC requirements and processes. Conduct reviews and/or mentoring with federal staff to review and validate requirements for completeness and accuracy. Facilitate workshops, team meetings and phase gate reviews.

**Dairy Farmers of America Nov2012 – Feb 2013**

**Contractor: Project Manager**

Coordinate, Plan and execute IT infrastructure projects nationwide across all divisions of Dairy Farmers Cooperative.

I reduced a backlog of projects that included infrastructure refresh, wireless access, riverbed optimizations and network installs of newly acquired plants. Created project plans, charters and business cases using a simplified template for each project to quickly pass review and begin execution. I organized project information into data repositories for ease of future reference.

Professional Experience

**University of Texas Southwestern Medical Center, Dallas TX**

**Project manager \ Senior Business Systems Analyst Jan 2011 – Oct 2012**

Organize, consolidate, and develop the LIS system. Major responsibilities include training junior analyst(s), reconfiguration of systems through change management processes, implementation of additional features and system documentation.

**Key Projects & Achievements**

* Developed triage system for Heat ticket system ensuring quick attention and appropriate resolution of user problems, thus resulting in a 50% backlog reduction
* Coordinated and developed interface testing plans for systems modifications between LIS and EPIC
* Developed the administrative procedures for the Laboratory Information System of which, three hospitals labs utilize.
* Project Lead for several implementation projects including Histology LAB migration, collection manager, Care Logistics implementation, Children’s medical center HL7 interface connection to UTSW LIS system and orders interface modification to EPIC CPOE.
* Documented instrument interface flow and operation checks for quick resolution by on-call analysts reducing problem resolution time by 70%
* Developed automated reports to replace manual, end-user reports utilizing Crystal Reporting software, which decreased critical LAB information turnaround time by 80%
* Revamped computer specimen tracking system by analyzing work flows and creating new templates, also responsible for providing training classes to end users which made go live very successful

**Johnson County Wastewater, Olathe KS**  
**Information Technology & Systems Manager**  **Mar 2008- Jan 2011**

Recruited to organize, consolidate, standardize and develop strategic plans for a more cohesive use of technologies with an EPA award winning organization. Hired, trained, developed and lead a 10 person technical team in addition to managing a $2.5 million capital budget and $1.2 million operating budget. The scope of this position was expansive and included departmental direction, design, installation, engineering, implementation, support, training, administration and management authority for the following:

* Application Systems
* PC Desktop/Laptop Systems
* Web/Internet design & operations
* Data security and continued operations
* Datacenter operations
* Help Desk Operations
* LAN/WAN configurations
* Database Administration

Responsible for spearheading a system transition from an outdated organization-wide and departmental technology to a highly functional, streamlined and cost-effective client-server technologies and business solutions that dramatically improved efficiency, decreased expenses, and optimized data integrity and safety.

**Key Projects & Achievements:**

* Developed long-range technology strategy plans that combined business and technical needs to streamline business processes
* Created and implemented tactical/strategic plans that clarified projects to accomplish business goals
* Lead the IT cross-functional team, which identified and communicated the positive impact of using technology to address business needs
* Disaster recovery leader and liaison collaborated with JOCO Emergency Management Agency for continued operations solutions
* Created the E-security team to manage electronic accounts and physical access for employees as well as data security and recovery procedures
* Orchestrated an inter-agency technology refresh of all desktop machines, which resulted in an $80k cost savings
* Performed cost analysis of cell phone use, printing and copier expenditures, and identified savings of $25,000 annually
* Identified government network sharing opportunities realizing $20k per year cost reduction of T-1 lines
* Prioritized projects using PM methods such as CPM and ECM in accordance with business requirements
* Created RFPs and lead the vendor selection process for gate control and surveillance systems
* Managed in-house software development (.Net application) and implementation of several SQL database re-design projects of sewer permitting and planning functions, using agile techniques.
* Oversaw all department technology projects including an 800 MHZ trunked, radio re-banding project, SCADA network upgrade project, and SCADA computer system design
* Directed the GIS project for sending real time work orders to field inspectors
* Led front gate security project of 7 geographically separated treatment plants
* Developed end-user training classes & material, which increased employee productivity and reduced calls to the help desk

**Cerner Corporation Kansas City, MO, Systems Engineer** Oct 2006 – Mar 2008

* Documented new systems’ configurations and approved changes
* Planned for future systems capacity of all hosted client domains and systems
* Advanced troubleshot for resolutions of client hosted systems
* Managed applications presented through Citrix servers
* Provided front and back-end server application support for client systems

**Louisiana State University Medical Center, New Orleans, LA, Systems Analyst II** Feb 1999 – Sept 2006

* Managed a $1.2M Misys LIS upgrade project as well as several related external department projects
* Implemented and redesigned a more reliable server for statewide laboratory information system with the latest AIX 5.X and P650 server technology, IBM 500 FastT SAN, which resulted in saving the state hospitals hundreds of man hours by reducing down time and outages by over 90%
* Planned and implemented 3m Softmed encoder software conversion and medical record tracking software upgrade projects. I also supported Cactus physician credential software
* Coordinated installation of Siemens radiology information management system hardware and software configurations including workstation interfaces.
* Coordinated Siemens document imaging hardware testing and installation in all hospital clinics for patient registration
* Implemented TCP Wrapper encryption software via shell scripting on an AIX/UNIX system for HIPPA compliance.
* Developed electronic logs utilizing MS Access for CAP compliance inspections that eliminated paper process.
* Worked with network department to configure VLAN’s to reduce traffic on hospital ATM
* Responsible for forecasting LIS annual computer budget of over $750k as well as budget for special support projects.
* Instituted new tape library system using Tivoli, which saved operators 3 hours weekly changing and maintaining backup tapes. This also assisted in disaster recovery planning for the data center and restored full laboratory services within 60 days after hurricane Katrina

**Military Experience**

**442 Fighter Wing Air Force Reserve (Whiteman AFB, MO) Executive Officer Mar 2008 –2012 (Major)**

I plan and organize executive support services, functions, and activities; provides advisory services to wing staff by analyzing problems, selected subjects policies, plans, programs, and requirements surfaced by operating officials or personally identified. As directed, I perform staff studies concerning wing programs and program support effectiveness to provide data required in current and future operations. I also serve as emergency operations center administrator overseeing all accurate and timely communications across the wing.

**403 Air Wing US Air Force Reserve (Keesler AFB, MS)**

**Transportation Flight Commander / Operations Officer June 2006 – Dec 2007 (Capt)**

Direct and manage 104 members of wing logistics squadron. Direct distribution management, materiel management and contingency operations, fuels management, airlift operations and vehicle management. Performs planning and programs logistics support for wartime requirements. Completed unit reorganization of transportation flight, and balanced manning shortages with overmanned areas in career fields. Implemented joint training plans with active duty unit to train reservist that would allow integration of unit capabilities which creates a seamless force.

**926 Fighter Wing Air Force Reserve (New Orleans NAS JRB, LA) Logistics officer 2000 – 2006(Capt)**

Coordinated base support agreements between the Air Reserve and other government agencies. Developed the frame work for the logistics readiness control center. I was responsible for over 100 personnel performing cargo and personnel deployment functions. Administrator of unit deployment manager and augmentation programs. Served as cargo deployment chief, directing the movement of 500 short tons of cargo. Developed logistics support policies, concepts and systems then provide guidance for implementation. Integrated maintenance, supply, transportation, contacting, and other operations and support logistics activities into plans and programs. Led joint planning sessions with staff activities with other military services and federal agencies. Prepared and implemented directives to assure effective logistics support. Directed planning for force bed down and other logistics activities to support contingency operations

**Education**

**Florida Institute of Technology -** Melbourne, FL

**M.S. Information Technology Management - 2008**

**University of Central Oklahoma -** Edmond, OK

**B.S. Computer Science - 1998**

**Community College of The Air Force -** Maxwell AFB, AL

**A.A.S Electronics Technology - 1994**

**Training Technical Training**

Project Management Course ASP.NET Fundamentals

Squadron Officer Course SQL Reporting Services

Logistics Officer Management IBM FastT SAN course

Academy of Military science Novell Netware 4.11 Administration

NCO Academy Microsoft Windows NT Administration

Engineering Installation Team Chief Academy Inside Plant Electronics and Installation Practices