

SUNIL FOTEDAR

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TECHNOLOGY MANAGEMENT

Systems Engineering, Enterprise Infrastructure, IT Infrastructure

Multifaceted, resourceful technical management professional with distinguished career spanning several industries (space, telecom, e-commerce, energy) and supporting safety systems engineering, system implementations, technical operations, and resource allocation for leading institutions and high-growth technology infrastructures. Spearhead teams in the business and systems analysis and design, re-design, and launch of leading-edge solutions driving record-setting accuracy. Able to build relationships with strategic partners and stakeholders, as well as consensus across multiple organizational levels.

Project Management • Technical Leadership • Systems Architecture & Design • Business Analysis
Testing and User training • Excellent Analytical and Communication skills

PROFESSIONAL EXPERIENCE

GB TECH, INC., Houston, Texas • 2008-Present

Subcontractor to Boeing Space Company, supporting NASA's Space Shuttle Program

Engineer Specialist – Systems Safety

Performed System Safety Engineering risk assessments and analyses for the Space Shuttle Orbiter to address systems capabilities, failure modes, effects, causes and controls. Planned and conducted such analyses given specific direction and prepare system safety documentation. Worked with internal and external customers and give presentations on a regular basis.

Key Accomplishments:

- Tracked performance and updated deliverables like orbiter hazard reports for Space Shuttle Program Risk Documentation.
- Assisted in the development of tools, processes and training as part of the Orbiter System Safety Engineering Team.

UNITED SERVICES AUTOMOBILE ASSOCIATION, San Antonio, Texas • 2006-2007

Banking and Insurance Company serving Military community

Senior IT Software/Systems Programmer

Technical management of IT projects of software and hardware utilized in managing Logging Framework for the J2EE Enterprise architecture. Orchestrated projects and programs to completion, overseeing all aspects of architecture, designs, resource allocation between offshore and onshore teams, and systems engineering. Liaised with technical fellows and managers to ensure project completion as per stipulated goals.

Key Accomplishments:

- Conducted on-site analysis and design changes to meet the needs of the customer
- Managed and trained on-site and offshore resources
- Worked both independently and in a team-oriented, collaborative environment. Conformed to shifting priorities, demands and timelines through analytical and problem-solving capabilities.
- Reacted to project, scope and requirements adjustments and alterations promptly and efficiently. Flexible during times of change.
- Elicited cooperation from a wide variety of sources, including upper management, clients, and other departments.

CONSULTING

- **SILOSMASHERS, Gambrills, MD • 2005-2006**
- **POINTE TECHNOLOGY GROUP, Inc., Landover, MD • 2003-2005**

IT Consultancy for Lockheed Martin/Social Security Administration (SSA), and Center for Medicare & Medicaid Services (CMS), Baltimore, MD

Senior Software Requirements Analyst

Provided IV&V and Integration Testing support to CMS for Medicare Modernization Act (MMA) (for Parts C and D) operations at a sufficient level of detail to communicate the end-to-end business processes. Researched, captured and documented requirements and designed using J2EE architecture for Enterprise Technology Services Contract (ETSC), an internet-based application development contract with SSA.

Key Accomplishments:

- Provided technical expertise, support, oversight and needs analysis in functional areas such as, but not limited to, design and development of appropriate IT solutions and architectures, creation of information and decision papers on IT issues, assistance in the development of IT standards, review of logical and physical database and application design, change control and problem resolution, validation and stress-testing of IT solutions, facilitating the use of IT solutions by end-users.
- Researched current trends in Web Application Monitoring (WAM) technologies and COTS tools.

EDUCATION

- **Master of Science, Electrical & Computer Engineering**
Rice University, Houston, TX
- **Master of Science, Applied Mathematics**
University of Houston at Clear Lake, Houston, TX

TECHNICAL SKILLS

Operating Systems: Sun/Solaris Unix, Linux, SCO, Mac OS, HPUX, VMS, Windows XP/2000
Languages: C, C++, Java, J2EE, JSP, WSAD, UML, HTML, JSP, MATLAB, Perl, csh/Korn Shell
Tools: IBM WebSphere Studio Application Developer (WSAD), OOA&D, IPC, RPC, Unix Network Programming, Low-level Asynchronous Serial Communications Programming, *InstallAnywhere*, FTAM, GUI Tools (XVT, GPIP, G2 Expert System, Multiple Menu-System), QuickPlace, LiveLink, SharePoint
Software: MS Project, MS Word, MS Excel, MS Power Point, Visio, MS FrontPage, Adobe Photoshop
Databases: Oracle, UDB, DB2, MS-SQL, Nortel-proprietary database Table Control
Protocols: RS-232, Inband, ISDN, SS7, AIN, GSM/CDMA
Hardware: Sun Systems, Compaq, HP workstations, IBM Systems
Version Controls: RCS, Microsoft Visual Safe Source, SDE (variant of Clear Case), MKS

HONORS

- Boeing's Spirit of Cook – Finds a Way Award (May 2009), Houston, TX
- Performance based promotion at Alcatel USA to Sr. Software Developer V position (June 2000), Plano, TX
- Night Out Award at DSC Communications Corporation (June 1997), Plano, TX
- Best Paper Award in Robotics and Experts Systems (ROBEXS' 1989) conference, Palo Alto, CA
- Performance based promotion at Lockheed to Sr. Associate Engineer position (Fall 1988), Houston, TX
- Several commendation received at Lockheed for presenting technical papers at ROBEXS'89, JAIPCC'89, and ISA Conference'88
- Twice Gold Medalist for standing first in the statewide high-school examinations