

# SUNIL FOTEDAR

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24427 Flint Creek

San Antonio, TX 78255-2290

U.S.A.

Voice: (210) 568-7726, Cellular: (210) 383-7184

Email: [sunilfotedar@yahoo.com](mailto:sunilfotedar@yahoo.com)

**US CITIZEN**, eligible to work for any employer, open to relocation and travel

## OBJECTIVE

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To seek an IT Project Management/Sr. Business & Systems Analyst position in Government, Defense, Financial Institution where a diverse background and proven technical and project leadership will be utilized and advanced.

## SYSTEM SKILLS

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### **Project Management & Systems Analysis**

Technical Leadership • Requirements, Business and Systems Analysis • Design and Development • IV&V, Testing & User training

### **Languages, Operating Systems & Tools**

Java, J2EE, JSP, Servlets, WebSphere, WSAD, UML, OOA&D, C, C++, HTML, Shell scripting, SQL, IPC, RPC, Unix Network Programming, MS Windows, Unix, Linux, Sun Solaris, SCO, Table Control, Working knowledge of Oracle/UDB/DB2/MS-SQL databases

### **Miscellaneous**

Microsoft Word, Excel, Power Point, Project, Visio, FrontPage, Adobe Photoshop

## SUMMARY OF QUALIFICATIONS

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- Project Management and Systems Analyst experience in IT.
- As technical leader and a component owner, researched/captured/documented requirements and design for internet applications using J2EE architecture for SSA.
- Designed and developed automated test tools on DSC/Alcatel Switches to test telecom protocols. Extensively documented Systems Requirements and Detailed Design documents. Developed an OSI CDR Collection tool using J2EE-like architecture.
- Developed software to provide Inter-Process Communications (IPC) between several processes on a UNIX machine in order to *monitor* and *diagnose* various sensor faults in real-time in a Thermal Test bed - a Space-Station project.
- Dedicated, hard working individual with the intercommunications skills to work at all levels of the organization.
- Outstanding motivator and builder of teams. Works well in both team environments and individual assignments.
- Part analyst, project manager, leader, spokesperson, and business/technical SME.
- Successful in meeting new technical challenges and finding solutions to meet the needs of the customer.
- Plan, execute, and finalize projects according to strict deadlines and within budget. This includes acquiring resources and coordinating the efforts of team members and third-party contractors or consultants in order to deliver projects according to plan.
- Interact with middle and senior Management, than those that are utilized when overseeing and directing the project team.
- Strong written and oral communication skills.
- Able to rapidly learn, understand, and apply new technologies.
- Strong customer service orientation.
- Ability to effectively prioritize and execute tasks in a high-pressure environment
- Exceptional abilities in project design and management with the organizational skills to assure success.
- Proactively manage changes in project scope, identify potential crises, and devise contingency plans.

## EDUCATION

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- **M.S. Applied Mathematics (Statistics)**, University of Houston at Clear Lake, Houston, TX
- **M.S. Electrical & Computer Engineering (Communications)**, Rice University, Houston, TX

## PROFESSIONAL EXPERIENCE AND ACCOMPLISHMENTS

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### A. MOST RECENT EXPERIENCE

United Services Automobile Association (USAA), *San Antonio, TX*

#### Sr. IT Software/Systems Programmer

- As Technical Lead, responsible for technical management of IT projects of software and hardware utilized in managing Logging Framework for the J2EE Enterprise architecture
- Responsible for making on-site analysis and design changes to meet the needs of the customer
- Responsible for managing and training 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.

### B. CONSULTANCY

*Clients:* Centers for Medicare & Medicaid Services (CMS), *Baltimore, MD*; Social Security Administration (SSA), *Woodlawn, MD*; Williams Energy and Trading, *Tulsa, OK*

*Employers:* Silosmashers, *Gambrills, MD*; Pointe Technology Group, Inc., *Landover, MD*; Key Personnel, *Tulsa, OK*; Worldlink Inc., *Richardson, TX*; Samsung Telecommunications America, *Richardson, TX*; Chemicals Inc., *Baytown, TX*

#### Sr. Business Analyst

- 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.
- Designed and developed a PC-based *Neighbor List Tuning Tool* (NLTT) - a Java-based GUI that analyzed PSMM messages to propose a better neighbor list for the CDMA network.

### C. TELECOM INDUSTRY EXPERIENCE

*Employers:* Alcatel USA, *Plano, TX*; Nortel Networks, *Richardson, TX*

#### Sr. Software Engineer

- Developed a test automation tool (WATT) on a PC running SCO Unix. Designed and developed C/C++ programs (TCP/IP) on Unix platforms to automate the testing of call processing scenarios on DSC/Alcatel Switches using telecom protocols like Inband, ISDN, SS7, AIN. Backup-D Channel Testing.
- OSI Call Detailed Record (CDR) collection - FTAM and socket communications to collect CDRs over the network.
- Documented Functional and Systems Requirements and Developed Table Control software for Call Interception *Configuration* and *Subscriber Tables* (GSM).

### D. SPACE-INDUSTRY EXPERIENCE

*Client:* Johnson Space Center/NASA, Houston, Texas

*Employers:* Unisys; McDonnell Douglas Space Systems Co; Lockheed Engineering and Sciences Co

#### Software Engineer Specialist

Worked on several Space-Station and Space-Shuttle projects:

- Developed software to provide Inter-Process Communications (IPC) using AT&T's message queues, shared memory, and semaphores, between several processes on a UNIX machine in order to monitor and diagnose various sensor faults in real-time in a Thermal Test bed - a Space-Station project.
- **Project Leader:** Developed methodology and demonstrated the Position Reference System (PRS), which was designed to test and calibrate a Laser Docking Sensor by using CCD cameras as sensors. **This project generated four technical reports and one technical publication.**

## MISCELLANEOUS

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- Currently **National President** of a non-profit, tax-exempt socio-cultural organization.
- Recipient of Several Performance based promotions, best paper award and twice gold medallist