Solution Architect

Todd Morris Celeste, TX saftek@msn.com
PhD Candidate, Computational Linguistics Texas A&M University
Masters, CIS/Calculus Instructor University of Denver
Bachelors of Science, Computer Science Murray State University

Global Enterprise Infrastructure

L3 Communications, Integrated Systems Group(S) Greenville, TX

Principal Senior Computer Systems Analyst: Governance. Remedy unified helpdesk with remote call center and desktop support for 15000 Users. Conceived OEM managed inventory strategy for desktops. Benchmark for Gartner infrastructure staffing models. Mainframe data center decommissioning. Warehouse workflow auditing and inventory reovery. Personal best: from contract start bought, built and deployed 150 Dell PCs at 86 OCONUS sites in 45 days.

L3 Communications, Joint Operations Group (TS) Lexington, KY

IT Director: Enterprise Architect/Data Center/Network/Global Warehouse Logistics of 72 IT personnel with $8-12M annual capital budget. Crafted secure datacenter and Cisco LAN/WAN/VoIP network for USSOCOM. Oracle WMS and GOLD inventory control. Integrated TeamCenter PLM with manufacturing shop floor redline CAD, networked CAM milling machines.

Built Data Center and Network Operations Center (NOC) to TIA-942 standards. Created centralized helpdesk call center. Built and deployed server and desktop performance monitoring solution for centralized, global automation management. Served local and remote automation clusters with remote backup strategy. Secure, DISA certified, DSS audited network operations.

Created managed teams and supervisors of focused, accountable technology disciplines from general talent pool. Introduced EVMS project management practices, ITIL and PMI certification. Transformation of DoD DITSCAP to DIACAP security control processes from Zackman framework requirements capture methodology. Developed enterprise workforce training in DIACAP. Created Computer Incident Response Team (CIRT) practices for alert, alarms, intervention, remediation and prevention reporting of unauthorized data, network and telephony access attempts.

Created distributed 'value chain' automation with preferred suppliers for Oracle WMS shipping/receiving transactions with remote label/RFID tag/shipping data entry and printing. Conceived and crafted real time passive BATTLESPACE RFID solution contributing to USSOCOM UID tracking strategy. Automated dense, narrow aisle, high rack warehouse kitting solutions.

Designed and executed pilot of real time Java/BPEL web services/Oracle transactional interface from Contractor Inventory Control Point (CICP) to wide area workflow (WAWF) global exchange (GEX) under contract to Office of the Secretary of Defense (OSD). Demonstrated pilot solution reduced purchase settlements to 24 hour turnaround electronic fund transfers from DoD.

Telecommunications Provisioning

Nortel Networks, Global Professional Services Richardson, TX

Solution Architect: Led pre/post sales engineering teams in building IT consulting services. Designed monitoring architectures and broadband service providers OSS solutions. HA analyst/design consultant to Qwest on 7 continent, 24 unit datacenter constellation built to TIA-942 design standards. Conceived and modeled 'usage-based' broadband revenue capture.

Solution Architect

Tanning Technology   Denver, CO

Project Manager: Dynamic auction website/database development for construction bidding. Recruited from US West Communications for S/W product implementation experience. Manager/Tech Lead of Unix/Java/Oracle best-shore agile team building of eCommerce solutions.

US West Communications   Littleton, CO

SW Development Manager: OSS/DSS Planning & NOC Service Delivery systems forecasting and capacity planning of 16M consumer circuits in 14 states with Unix/Oracle. Strike relief for directory assistance operations center. Developed and implemented US West offshore transition practice. Conceived best-shore 'Tidal Methodology' code management practice for agile teams. Assessed 2500 central offices and 80k distribution points to TIA-942 design and operations standards. Focused a unmanaged DSL rollout customer provisioning team into SCRUM agility. Shortest route determination for DSL construction assignments with ESRI ARCView. Western regional consultant for CMM practice implementation.

Chemical Manufacturing

Western Electrochemical Company (S)   Cedar City, UT

IT Director: **REAL *disaster recovery*** and manufacturing automation development.
Recreated Chart-of-Accounts, GL/AP/AR/Payroll from tapes, Inventory and Warehouse with audits. Upgraded custom accounting to COTS Oracle solution. Automated warehouse practices.
Built real time SquareD manufacturing systems and SimplexGrinnell access control for Sodium Azide propellant and pharmaceutical production. Built NASA/FAA/DOT audited Laboratory Information Management System (LIMS) on Oracle. Introduced LabVIEW digital imaging and product analysis. Created 'sphereocity' measure for Sodium and Ammonium Perchlorate product purity and crystal structure QA reporting. Implemented Statistical Process Control (SPC) for Sodium Azide batch process control. mplemented SCADA power management analysis and reporting. Implemented EDI for shipping and receiving with customers and suppliers.

Defense Operations

EG&G Special Projects (TS/SCI)   Las Vegas, NV

SW Development Manager: RADAR/RCS measurement systems development. Technical lead of engineering RADAR/SAR/ISAR data analysis and algorithm development team. Conceived real time FAA taxiway occupancy monitoring, detection and intrusion alarming. Flight test range operations, telemetry integration, Kalman/EO/Video tracking RADAR antenna synchronization.

McDonnell Douglas Astronautics (TS/SCI)   Huntington Beach, CA

Software Engineer: DSP, control systems development.
SONAR target signature extraction and weapon targeting systems activation.

GS-13, Operations Field Engineer: ELINT collection for threat assessment, COMINT fusion for doctrinal analysis and strike mission planning. Embedded operations team lead and analyst.

US Army 525 Military Intelligence Group   Ft. Bragg-North Carolina
US Army 501st Military Intelligence Group   Camp Humphreys-South Korea
US Army 4th Mechanized Infantry Division   Ft. Hood-Texas
US Air Force 9th Tactical Intelligence Squadron   Sumter-South Carolina
US Air Force 4450th Tactical Fighter Wing   Nellis Air Force Base – Nevada