

Daniel L. Koger

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PROFESSIONAL SUMMARY

Enterprise Architect

I was tasked with working directly with executive leadership to ensure that business process are understood and the underpinning architecture aligns with those processes. I work with the communities of practice, statewide councils and local government to communicate architectural practices as they relate to specific processes. I also communicate both internally and externally the choices made and the architectural direction of the organization.

Data Architect

I have designed and implemented data definition processes, data quality processes, master data processes and reporting processes. I have led committees and assisted in both design and review of data specifications. I have proposed and implemented Agile Data Warehouse Design methodologies. I have been involved in and led both peer and industry reviews of data architecture methodologies.

Solutions Architect

I have performed architecture design sessions to the global 1000 in 14 countries with a high success rate resulting in architectural deployments to some of the top ISP and Telecomm leaders globally. I have the ability to see beyond the technical and couple the needs of the business drivers to provide solutions that unite business needs and technical constraints. I have designed and deployed both implementations and proof of concept environments ranging from a few thousand users to multinational enterprises with over 1 million clients.

Standards Architect

I have been involved in the development of several standards that have had impact on some of the largest software companies globally. I have spoken in front of universities, colleges, government agencies, private sector, executive councils and standards conferences ranging from intimate groups of 3 or 4 to packed auditoriums with multiple thousands of attendees. Standards I have authored or co-authored are in use by Microsoft, Adobe, Apple, Boeing, AOL, API, Vignette and many others.

I have been involved in the development business intelligence systems and data warehouses that have spanned the reporting and executive intelligence needs of large scale enterprises encompassing both predictive systems for operations and decision management for business executives..

Product Manager

I have managed the rollout of multiple projects spanning the full breadth of the Enterprise with impact that has exceeded a billion dollars in revenue. I have led teams with 8 project managers and an implementation staff which exceeded 100 individuals. I have been responsible for rescuing failed over budget projects and bringing them to successful closure.

Director

I have had oversight, mentoring and development of teams of developers, architects, sales/pre-sales, vendors and business strategy teams. I have worked as a Program Manager for Microsoft and a Technical lead at Boeing. I have led individual teams and groups of teams ranging from a few developers to 24 senior strategists.

Leader

I have been a leader in the Infrastructure Optimization, Hosted Solutions, Business Intelligence and Standards development community. I have been recognized by the industry with awards for my contribution, vision and out-of-the-box thinking.

RECOMMENDATIONS

"It was a delight to work with Daniel on the University of Tennessee - Knoxville assignment. Daniel has a phenomenal ability to network with upper management, speak their language, and gain their support when others have failed previously. He is a gifted strategic planner and 'out of the box' thinker who is able to build synergy between competing teams. His strategic and technical skills would be an asset to any company looking to hire a senior level manager, visionary, and leader who also is a man of character and principles."

Brent Tucker, PMP, Program Manager, IT Project & Service Management (ITSM)

"I engaged Daniel to address some time critical performance issues in a legacy system, and Daniel did an excellent job profiling and tuning the application under relatively unreasonable time and resource constraints. I've worked with him before this, on industry standards, and would be delighted to work with Daniel again in the future."

Laird Popkin, Chief Enterprise Architect at Kaplan

"Daniel is one of the greatest assets that Microsoft has encountered and is one of a kind! He is well known for his knowledge of not only SQL but programming knowledge & security skills. Daniel has been a pleasure to work with and always makes people laugh. He is the kind of person that people enjoy having around. I'm sure that Daniel's future will continue to be bright."

Byron Engelbrecht, Systems Engineer, Microsoft

"Daniel is one of the most intelligent people I have met. Excellent out of the box thinker with architecting new solutions and extremely committed to getting the job done always."

Tim Poole (tpoole@ciber.com), Senior Recruiter, CIBER

"Dan & I served on the ICE-Authoring group together to define the ICE 1.0+ and 1.1 versions of the standard. Dan's knowledge of content distribution and networking systems were widely appreciated in the authoring group. Dan was a deep contributor to the development of the ICE-Standard and could always be counted on to deliver on his commitments. Dan both writes and communicates well. I found his advice and counsel always excellent and his technical contributions first rate. I would be pleased to work with him again."

Bruce Hunt, Director Engineering, Adobe System's Inc.

EXPERIENCE

University of Tennessee June 2012 – Current

Position: Enterprise Architect

In my position as Associate Chief Information Officer of Systems Enterprise Architecture I hold the roles of Enterprise Architect, Change Manager and Business Intelligence Service Owner for the University of Tennessee Systems Administration.

- Enterprise Architect
 - Analyzed existing architectural frameworks and recommended The Open Group Architectural Framework (TOGAF) version 9.0
 - Began implementing change where feasible
 - Analyzed and assessed existing data infrastructure.
 - Conducted a review of the top providers
 - Performed analysis and charting of best options
 - Conducted vendor reviews
 - Produced recommendations based on full analysis.
 - Drafted Business Intelligence Strategy
 - Document results of vendor analysis
 - Documented existing data infrastructure and processes
 - Created Proof of Concept (POC) strategy
 - Conducted POC
 - Made final recommendations
 - Design and implemented Business Intelligence Infrastructure
- Change Manager
 - Designed UTSA Change Management (CM) policy and processes based on ITIL 3.0 Change Management framework
 - Provided guidance to UTSA teams on implementation of policy and processes
 - Implemented and oversaw maturation of CM processes
 - Held position as Change Manager for weekly Change Advisory Board (CAB) and Emergency CAB (eCAB) sessions
- Business Intelligence Service Owner
 - Created BI service
 - Managed staff
 - Architected Key BI elements
 - Data quality
 - Master data
 - ETL overall process
 - Data security
 - Implemented Key BI elements
 - Statewide data strategy
 - Statewide processing model
 - Institutional Research data quality oversight
 - Institutional Research master data oversight

Planet Technologies August 2008 – June 2012

Position: Senior Solutions Architect/Senior Consulting Engineer/Program Manager

I have crafted and led training on Windows 7, application compatibility, Windows and Office deployments, System Center design, configuration and installation and held the roles of both Product Manager and Program Manager.

- Program Manager
 - University of Tennessee
 - Tennessee Electronic Research Administration (TERA)
 - Banner implementation
 - Blacklist TIGER
 - MyUTK
 - Palm Beach University
 - Led management oversight of the application base and decision matrix for IT

- Architect
 - University of Tennessee
 - Architected the Phase 2 infrastructure of the Student Portal (MyUTK) based on SharePoint 2010
 - Palm Beach University
 - Created the Windows 7 deployment strategy
 - Created and mentored the application compatibility team
 - Kaplan University
 - Modified and migrated the School of Nursing to current .NET technologies
 - Department of Energy
 - Designed and configured the System Center deployment
 - Designed and configured the Windows 7 application compatibility infrastructure
 - Architecture Design Sessions and Microsoft Proof of Concept sessions
 - Jet Propulsion Laboratories at University of California, Berkley
 - University of Washington
 - University of Washington Medical Center Howard University
 - King County Library Services
 - Nasa
 - Boeing
 - Lockheed Martin
 - State of Pennsylvania OIT
 - Pennsylvania Courts

Endeavor October 2007 – August 2008

Position: Director, Solutions Architecture

Managed architecture for the professional services team and directed new business development in the Microsoft sector.

- Established the Endeavor infrastructure assessment framework practice
- Provided architecture guidance for Endeavor sales
- Performed architecture review sessions for Endeavor clients

CoroWare June 2006 – October 2007

Position: Director, Enterprise Business Solutions

Managed four teams and directed new business development in the Microsoft sector.

- Grew business from four individuals to thirty six in twelve months
- Opened four new opportunities at Microsoft
- Established the CoroWare infrastructure optimization practice
- Established enterprise optimization practice
- Worked to finalize funding and business case for Software as a Service practice

Microsoft June 2002 – August 2008 [subcontractor]

Position: Senior Solutions Architect/Senior Consulting Engineer/Program Manager

Technical Evangelist Microsoft Education Community

- Designed, developed, implemented and evangelized the Microsoft Education Community SharePoint outreach
- Provided Architecture guidance for Microsoft SharePoint to the Higher Education community
- Evangelized Microsoft technologies, specifically SharePoint, to High Education Partners, including Blackboard and Moodle
- Worked with the Uluru (MS EDU SharePoint) team to develop strategic assets

Skunk works

- Designed, prototyped and evangelized the self-service portal for an undisclosed project. Further details not disclosed at this time.

Infrastructure Optimization (IO) – <http://www.microsoftio.com>

- Designed, developed, implemented and evangelized the US Services Infrastructure Optimization Initiative
- Reviewed and corrected the IO matrix
- Designed a sales collateral interface

Microsoft Managed Solutions (MMS) - <https://spsites.microsoft.com/sites/mms-services/default.aspx>

- Designed, developed and implemented a monitoring reporting interface (MRI) Web service and the reporting data warehouse
- Designed an ad hoc reporting interface
- Built a statistical trend data warehouse as a historical repository for MOM and SMS data stored in System Center Reporting
- Built a read only Web service to export the data
- Created a Read/Write Web Service to allow “touch-less” administration
- Administered, engineered and architected the monitoring and instrumentation of MMS
 - Leveraged key technologies; MOM 2005, SQL Server 2005 and SQL Reporting
 - Developed and maintained scripts in Cricket, Perl, Monad and WSH
 - Generated automatic SLA scorecards based on SRS roll-up of MOM and script generated XML

Business Desktop Deployment (BDD) Reporting

- Developed the architecture for the BDD 2.0 reporting user interface (UI)
 - Leveraged key technologies; MOM 2005, SMS 2003, USMT, SQL Server 2005 and SQL Reporting
 - Oversaw development
 - Worked with multiple solution teams to correlate end solution

Hosted Solutions Architecture Team

- Completed the certification for Hosted Exchange 2003 and began leading architectural design sessions at various locations around the globe
- Leveraged the Microsoft Solutions Framework (MSF)
 - Led Architectural Design Sessions (ADS)
 - Conducted Proof of Concept (POC) deployments
 - Piloted initial implementations
- Sessions were delivered in fourteen countries and three continents resulting in 95% implementation rate after the ADS
- Leveraged key technologies; MOM 2000, SMS 2003, Exchange 2003, SQL Server 2000 Microsoft Provisioning System (MPS) 3.0, and Automated Deployment Server (ADS) 1.0
- Designed format for Architectural Design Session and trained Microsoft personnel and Partners on implementation

Hosted Solutions Development Team

- Designed and created a C# based test harness for hosted provisioning systems
- Developed and implemented a set of schemas to leverage MAPI clients in a High Volume Exchange environment
- Assessed and Corrected incompatibilities in various versions of a service provider/large scale messaging schema for Exchange 2000

Ciber, Inc. June 2001 – June 2002

Position: Practice Director - Microsoft .NET Technologies

Managed and directed a team of 20 senior Microsoft .NET developers.

- Duties included scheduling jobs, project oversight, team management, individual management, cost accounting and technological direction
- Program scope included multiple sites across several states
- Represented clients and consulting firm on several industry authoring groups
 - Projects had significant impact on fortune 500 companies
- National Oceanographic and Atmospheric Administration (NOAA) Freedom of information scientific research site
 - Designed and deployed content management system
- Boeing eBuy/ECES confirmed delivery language
 - Designed and piloted a confirmed delivery language across 18 application systems and 37,000 vendor companies
- Co-authored and mentored the development of the XML Font specification 1.1 for Microsoft's font team

- Chaired the initial multi-company review

BEST Consulting/Herrick Douglass October 1997 – January 2001

Position: Director, XML Strategies/Senior Consultant

Managed and directed a team of senior Web developers for Herrick Douglass.

- Duties included scheduling jobs, project oversight, team management, individual management, cost accounting and technological direction
- Represented on several industry authoring groups
 - Assessed and provided technical direction regarding emerging standards in HTML and XML
- Designed and implemented a front-end for a contextual self-organizing mapping application to provide knowledge management for senior management review
- Designed and implemented a content syndication language

Microsoft/CellPro March 1993 – October 1997 [subcontractor]

Position: Network Analyst and member of the Operations Web Development Team

Designed and integrated a standardized database front-end for Web users to retrieve data on current conditions in the Microsoft Operations Center. Web site was published in "Worldwide Operations Integration," regarding the final web site and tool kit.

- Observed, investigated, repaired and/or escalated any issues involving networking and telephony in the operations center
- Provided customer service and problem resolution on a variety of topics
- Developed and delivered instructor-training courses for internal customer courses
- Analyzed and tested new hardware and software systems for successful integration in the existing environment

Second Generation Data Corp/HST Group January 1987 – March 1993

Position: Developer/Analyst

Designed and implemented software applications. Trained staff, scheduled personnel and managed a staff of five. Provided customer relations, debugged software product and managed hardware resources.

- Proposed, acquired and installed computer networks in an educational environment
- Provided ongoing support of software and hardware already installed
- Provided data and network support for various Mortgage companies
- developed and implement CRM and agent interface on Windows 3.1

PUBLICATIONS AND PROFESSIONAL ASSOCIATIONS

Present and Past Professional Associations

- [IDEAlliance member](#)
- [ICE Author \(Information and Content Exchange\)](#)
- G-SAM - Experts Panel
- EDUCAUSE 2013
- TN Higher Education IT Symposium

Published Links

Content Syndication

- [ICE Application Discussion XML Handbook Version 5 June 2004](#)
- [XML Handbook Version 4 December 2001](#)
- [XML Handbook Version 1 June 1998](#)

Whitepapers and Articles

- Enterprise Architecture @ UT (2014)
- Business Intelligence Executive Overview (2013)
- A proposed methodology for Business Intelligence (2012)
- [ICE 2.0 Specifications August 1st 2004](#)

- [ICE Cookbook August 29th 2000](#)
- [ICE 1.1 Specifications November 15th 1999](#)
- [ICE focused on Rich Media including live broadcast feeds](#)
- [W3C Note on Content Syndication October 26th 1998](#)

Public Presentations and Speeches

- [Knowledge Bases and Data Governance](#) (2014)
- [Using data quality to enable data governance](#) (2014)
- [Empowering Users to Do Analytics in a Secure and Managed Environment](#) (2013)
- Standardization Experts Panel G-SAM 2004
- [Lead of the Open Publishing New Technologies Panel in 2001 \(government sector\)](#)
- [Guest Speaker on Syndication Security at XML 2000](#) (book format only)

Certifications and Training

HP Certified Technician	1988
Certified Apple Talk to Novell	1990
MCP (NT Server/Enterprise)	1995
Certified XML Programmer	2001
Hosted Exchange 2003	2004
ITIL 2.0 Foundations	2007
Maintaining SQL Server 2005	2008
Implementing SQL Server 2005	2008
System Center Configuration Manager	2008
System Center Operation Manager	2008
Delivering Business Value Planning Services	2009
Kimball Data Warehouse Lifecycle in Depth	2012
ITIL Foundations 3.0	2013
SQL Server 2012	2013
Business Intelligence	2013

Microsoft
CERTIFIED

Professional

Microsoft Certified
Professional

Microsoft
CERTIFIED

Technology Specialist

Microsoft® System
Center Configuration
Manager 2007,
Configuration

Microsoft
CERTIFIED

Solutions Associate

SQL Server 2012

Microsoft
CERTIFIED

Solutions Expert

Business Intelligence