

IT SYSTEMS ARCHITECT

Results oriented Computer Systems Architect with expertise in the Information Technology (IT) and Manufacturing Industries and deep understanding of quality processes and IT standards. Team oriented individual with good interpersonal skills and great technical skills. Strategic thinker and innovator, catalyst for change in an organization. Consultant and trusted advisor to non-profit leaders, small business owners, and Fortune 500 executives.

PROFESSIONAL EXPERIENCE

Electronic Data Systems (EDS an HP Company), Detroit, MI **1988-2009**

SYSTEMS ARCHITECT – EDS/HP ENTERPRISE SERVICE MANAGEMENT GROUP (2007-2009)

Responsible for system integration designs for large multi-vendor configuration management database (CMDB) supporting thousands of computer systems for clients such as General Motors, Kraft Foods, and the United Kingdom (UK) Department of Works and Pensions (DWP). Responsible for consolidation and elimination of redundant systems and structural cost reduction throughout the enterprise.

- Identified critical design flaws in several components of the CMDB. Assisted global process owner in setting priorities for resolving issues and meeting business goals.
- Created detailed list of redundant and under-utilized systems, along with an executive dashboard for tracking structural cost reductions.
- Consolidated 21 knowledge management systems down to seven systems, simplifying operations, and reducing service management costs by \$140 Million

INFRASTRUCTURE SPECIALIST –GM GLOBAL ACCOUNT (2003-2007)

Responsible for web development team supporting EDS account at GM World Headquarters. Developed strategic vision and plan to support sales teams in winning \$15 Billion GM enterprise wide IT contracts.

- Created, designed, and developed Global Visualization (**GV** is patent pending) – a web portal that managed GM's world wide IT infrastructure using an ITIL framework.
- Result: EDS won over 70% of the contract despite stiff competition from IBM and others.
- Developed GV web portal prototype ahead of schedule; wrote all HTML templates and CSS styles for GV 1.0, and developed data-tables and SQL routines and DB interfaces.
- Lead development team (web developers, Java developers, project managers) in creating and deploying GV 2.0 and continued supporting GV production support through GV release 4.0
- Identified frameworks, methods and metrics for managing all GM's service level metrics (SLA's) for EDS, HP and other GM IT suppliers.
- Developed system of health checks to monitor critical IT systems at hundreds of GM facilities around the globe and dynamically presented the results on GV's executive dashboard.

NETWORK ENGINEER, AND NETWORK TEAM LEADER (1995-2003)

Responsible for the design and installation of IT systems networks (Ethernet, FDDI, etc.) at engineering, manufacturing and business support centers for General Motors.

- Demonstrated thought leadership and innovation by installing the first Ethernet Switching devices on a network at a GM manufacturing plant.
- Relocated the Pontiac Metal Fabrication manufacturing data center to a new facility, with no service outages, and resulting in zero (0.00) GM Metal Fab lost manufacturing units during the network changes and server moves.
- Successfully led team that moved/migrated 10,000 network attached computer devices (routers, switches, servers, PCs, workstations, printers) from GM old headquarters (and other GM facilities) into GM's new world headquarters at the Renaissance Center in Detroit.
- Collaborated with project managers to create cost estimates, timelines, and project plans to keep projects running smoothly.

SOFTWARE DEVELOPER AND BUSINESS RELATIONS ANALYST (1988-1995)

Responsible for the design, development and installation of PC based, client server, networked IT systems for the General Motors account, at various location around the Detroit area.

- Performed requirements analysis, database design, and application development for Cadillac Headquarters Vehicle Tracking System (VTS). System was used by Cadillac engineers and executives to track scheduled test drives for vehicles.
- While working with GM Truck Plant engineers in Pontiac, Michigan, I discovered that the plant manager was concerned about VOC (volatile organic compound) emissions from paint booth burn off, and the potential liabilities. Working together, we developed a process that would track VOC emissions. The system VOC system was designed, developed, and deployed quickly, helping GM plant managers avoid millions of dollars in possible EPA fines, in addition to reducing costs for solvent supplies.
- Provided consulting to clients at Buick/Olds/Cadillac (BOC) to develop an application systems catalog. The application systems database (or catalog) could track and rate IT systems by budget figure, functionality, and business value. This database was maintained for several years and later was merged (data migrated) to a larger GM IS&S corporate system (*ATS – the Application Tracking System* – similar to *EDS Answers*). Helped GM create a unified enterprise-wide IT vision. GM IS&S continues to use ATS to understand the business value (and business alignment) of each system that is being maintained and can now effectively align and plan systems around the globe with a portfolio management approach.

CCUA, Inc.**1983-1988****FOUNDER AND PRESIDENT**

Provided IT and computer systems consulting to non-profit and faith based organizations.

- Developed and published a newsletter with 3500 paid subscribers and 10,000 total circulation
- Quoted in Wall Street Journal, InfoWorld magazine, and other trade publications as an expert consultant helping churches and other non-profits utilize computers to improve member services.

EDUCATION

Bachelor of Religious Education – Anthropology, Bible, Linguistics
Kuyper College, Grand Rapids, MI

PROFESSIONAL ASSOCIATIONS

Founder and Technical Evangelist for EDS/HP Ruby on Rails Community
IEEE, iTSMF, DWWS (Designing with Web Standards)

TECHNICAL SKILLS

MS-Office tools, Open Office tools, Google Apps

Cisco Routers and Switches, Ethernet and TCP/IP networks, Wireless PDA's such as Blackberry, Wintel platforms, UNIX/LINUX/MAC platforms

BEA WebLogic Platform, Sharepoint 2003, MOSS-2007, SQL, MySQL, Oracle-SQL/PL-SQL, MS-SQL-Server 2000/2005, ASP, PHP, Python, Rebol, Ruby, Ruby on Rails, HTML/XHTML/CSS/DOM, JavaScript/ECMA Script, Java, Web Servers (Apache, SunOne, MS-IIS, WebBrick, Mongrel, etc.)