

SUMMARY

An information processing architect, business analyst, web developer/designer and engineering professional with extensive experience and:

- Proven ability to manage, facilitate, direct, focus and work with people to attain project objectives,
- Believes that PEOPLE are an organizations most important asset and values their professional skills, talents, time and career objectives
- Understands that improving business PROCESSES will improve PROFITS
- Proven ability to effectively identify, select and apply information processing technologies
- Knows the value of proactive, strategic/tactical planning is focused on the future and has an optimistic, positive, facilitative attitude.

FIELDS OF EXPERTISE

- Cloud based IT Architectures
- IT Product and technology evaluation & selection
- Cloud/Client/Server and n-tier design and development
- Tactile and strategic planning
- Iterative software development
- Business process re-engineering
- Business plan & budget generation
- Web development/design
- Research & development
- Project/Program/Team leadership and development
- Electronic document & imaging
- Knowledge ecology/management
- Financial Planning

CAREER ACCOMPLISHMENTS

- Architected, developed, published and maintained web 2.0 and cloud based sites
- Consulted, mentored, coached, and facilitated establishment of new small businesses in support of TechTown, the Detroit small business incubator.
- Developing whitepaper/book/presentation on the role of an IT Architect.
- Maintained an awareness of .NET, J2EE, SOA, Cloud, virtualization, open source, standards and IT product developments by partaking in webinars, vendor sessions and symposium
- IT manager and web site designer/developer for major political campaign committee.
- Identified, selected and directed implementation of new enterprise based technologies as member of CTO Organization.
- Defined strategic/tactical direction for Corporate Knowledge Ecology/Management initiative and use of inter/intranet, document/image management, Client/server and RUP technologies for utility based company.
- Architect and planner of Client/Server customer service & billing system, Financial Systems and Recoverability Center for energy utility to service 3 million plus customers in de-regulated environment.
- Developed project plan and approach for a Data Warehouse for a health insurance provider.
- Created an investment trust tracking and decision facilitation system which resulted in 32% growth of trust assets in one year.

- **Managed, designed, staged, and implemented multiple multi million dollar projects which implemented Client/Server Electronic Document Management technology and systems in major corporations in the utilities, petrochemical and manufacturing businesses.**
- **Developed and instituted a project management methodology process to insure successful Electronic Document Management System (EDMS) integration.**
- **Managed, designed, developed and implemented a PC/LAN based lower CASE system (PVCS) which provided complete software version/revision build control for multi million dollar project.**
- **Managed a Product Assurance department and directed staff of 14 which verified all software product elements and releases resulting in \$150,000 annual savings.**
- **Managed successful conclusion of Intercept Processor software product development which broadened the product line and increased company revenues by \$500,000.**
- **Deployed a \$1.2 Million Software Development Environment which improved software development productivity by 10%.**
- **Proposed redesign and strategic integration of GM and EDS information resources onto a private world wide packet based resource to provide 50% reduction of operating costs.**
- **Developed service and rate schedule for internal private packet network providing annual billing opportunities of \$1.5 Million.**
- **Evaluated information processing companies to determine if equity position or strategic alliance would be advantageous.**
- **Managed corporate team (5 direct and 12 in-direct reports) which created a corporate wide, distributed multi-vendor (DEC, IBM, HP) engineering and manufacturing resource which reduced operating costs and improve productivity by 30%.**
- **Designed, developed and integrated a computer based expert system which reduced geartrain product development time by 80%.**
- **Established independent consultancy firm to service various small businesses.**
- **Created and defined IN=>ACTS framework as communication tool for consultancy efforts.**
- **Established not-for-profit (401K) corporation (Founder, Board Member and Vice President)**

PUBLICATIONS/PAPERS/WEB SITES

- **Richard L. Miga, "IN=>ACTS: A Framework For Success and Survival", October 1995, International NUI Conference**
- **Richard L. Miga, W. Binroth and R.K. Haboush, "Reliability And Availability Concepts and Analysis Results For The Paint Spray Robot System", Bendix Technical Publication, July 1977.**
- **Richard L. Miga, "A Method To Determine Percent Structural Error Detectability Of Self-Test Software", SAE Aerospace Control and Guidance Systems Proceeding, March 1977.**
- **Richard L. Miga, M. D. Freedman, M. T. Gale, and J. M. Idelsohn, "A Computer Aided Interactive Graphics System For The Design Of Geartrains", Society Of Manufacturing Engineers, 1976.**
- **Synergistic Solutions: <http://www.ssyees.com>**
- **Political Campaign sites: http://www.ssyees.com/Gebhardt_1 , http://www.ssyees.com/Gebhardt_2**
- **Small Business sites: <http://dwiff.com> , <http://dm.ssdemo.info>**
- **Community sites: <http://saintpriscilla.org> , <http://livoniademocraticclub.com> , <http://flashfest08.ssdemo.info>**

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KEY INFORMATION PROCESSING TOOLS /KNOWLEDGE

Information:	ELECTRONIC DOCUMENT MANAGEMENT, SYBASE, ORACLE, FOXBASE, COMPUSERVE, INTER/INTANET, LOTUS APPROACH, NOTES, MSSQL 2005/8, MS ACCESS, SQL AZURE
Application:	MULTI-MEDIA, MICROSOFT OFFICE SUITE, LOTUS SMARTSUITE, MICROSOFT PROJECT, EASYCASE, DESIGNER, SYMPHONY, ABT PROJECT WORKBENCH, CAD/CAM, MS OFFICE SUITE, FEA, FMEA, FILE CONVERSION TOOLS, INTERNET BROWSERS, WORDSCAN, MYM, VISIO, MS FRONTPAGE, DREAMWEAVER, QUICKEN, BEA WEBLOGIC, XML, JSP, ASPX, .NET FRAMEWORK, RUP, TURBO TAX, TELERIK, INFRAGISTICS, SILVERLIGHT, FLASH, AZURE
Computation:	PC'S, DEC, DG, HP, IBM, SUN, WINDOWS 3, WINDOWS 95, NT, VMS, XP, VISTA, WINDOWS 7, MVS, UNIX, LINUX, DOS, OS2, FORTRAN, BASIC, C, C#, DCL, SYMPHONY/LOTUS MACRO, CCMail, APPWARE, HTML, J2EE, JAVA SCRIPT, UML, XML, SAML, VMWARE
Transport:	NOVELL, NT, ISO MODEL, TCP/IP, DECNET, SNA, PACKET SWITCHING, ETHERNET, TOKEN RING, ISDN, WEB SERVICES, 802.11B,G, SOAP, WSDL, UDDI, VPN, AZURE APPFABRIC
Support:	CASE TOOLS, ORACLE DESIGNER/DEVELOPER 2000, MICROSOFT PWB, PVCS PROMOD, DATA WORKBENCH, APT WORKBENCH, TEAMWORK, BEA WORKSHOP, CMM, CMMi, CONFIGURATION MANAGEMENT, BUSINESS PROCESS USE CASES, MS VISUAL STUDIO 2005/8, ECLIPSE, NORTON UTILITIES, EXPRESSION BLEND

COMPANIES/CLIENTS

Synergistic Solutions	Owner and General Partner (Founder 1983)	1983-Present
Political Campaign Committee	IT Manager and Web Site Developer	2003-2004
DTE Energy	Information Processing Architect	1998-2003
Sirco Associates, Inc.	IT Architect/Planner Detroit Edison	1996-1998
Cimage Corporation (a)	Project Manager, Senior Application Engineer	1993-1994
Computer Methods Corporation (b)	Contractor/Consultant To Ford Motor Corporation	1990-1991
World Computer Corporation (c)	Manager Product Assurance	1989-1990
NT/BNR (d)	Project Manager, Software Development Environment	1987-1988
GM/EDS (e)	Manager, Advanced Engineering, Communications Service Division	1984-1986
Bendix (Allied) Corp. (f)	Executive Offices. Corporate Manager Engineering Network Services	1978-1983
	Sr. Project Engineer, Bendix Research Labs	1973-1978
GTE	Staff Engineer, Automatic Electric Labs	1971-1973
Burroughs (UNISYS) Corp.	Engineering Intern	1969-1971

Notes: (a) Bankrupt, (b) Blanket contractor to Ford, (c) Merger with EDS, (d) Facility Closed, (e) Merger with EDS, (f) Merger with Allied

EDUCATION

BSEE, Wayne State University, Detroit, Michigan
Bendix Executive Skills Training Program (BEST)
Executive Problem Analysis and Decision Making (Kepner/Tregoe).
Licensed trainer for "Mastering Meetings For Results".
Patent Law Courses.
Airman's Pilot License (Private).

COMMUNITY SERVICE/INTERESTS

Detroit Windsor International Film Festival
District Technology Steering Committee & Strategic Planning Team, Livonia Public Schools
Engineering Society Of Detroit Ambassador
TechTown Certified Mentor/Coach/Facilitator
Fund Raiser, Angela Hospice, Earth Angels
Trustee/Investor
Cycling, Theater, Music
Precinct Delegate