

# ANDREW MICHALIK

*www.AndrewM.com andrewm@andrewm.com*

310.392.8400 tel 310.392.5511 fax

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Successful Enterprise Architect / Strategist with proven ability to design and deliver large, complex, multi-platform commercial enterprise systems and architect complete solutions encompassing software, hardware and systems. Expert at applying the use of technology to increase ROI and improve business. Experienced through the whole project lifecycle: from product definition, to design and development, deployment to go-live, through maintenance and enhancement. Proven product craft skills utilizing dependency identification, critical path analysis, contingency planning and trade-off analysis between time, quality, and cost.

Seasoned Technical Manager, with strong engineering, analytic and problem-solving skills. A confident and credible mentor and manager of high-performing teams for multiple projects with a multi-generational workforce. Exceptional at establishing credibility with clients and engineering teams in matrix organizations. Entrepreneurial in spirit with proven negotiation, influencing and communication skills. Demonstrated superior business judgment and strategic planning based on knowledge, skills and intuition.

## INDUSTRIES

Media and Entertainment, Telecommunications, Investment Banking and Finance, Facilities, Healthcare, Insurance, Aerospace, Legal, Defense, Warehouse Fulfillment, Engineering, Asset Management.

### SONY PICTURES ENTERTAINMENT

Enterprise Architect | Strategist  
Technical Architect | Project Manager

11/02 - 04/10  
6/99 - 7/00

Contract Enterprise Architect and Strategist for over 20 enterprise applications servicing Finance, Marketing, Studio Backlot and Motion Picture Production operations. Created and managed Scrum / Waterfall project plans, drove definition of deliverables, milestones and dependencies for an Integrated Workplace Management (IWMS) Software-As-Service (SAS) application processing 40,000 work requests per year. Architected, developed and debugged C# / ASP.Net, MS SQL, Oracle and XML interfaces to internal web services for SAP, Archibus, asset management, Crystal / Business Objects executive reporting, security and identity management systems handling 2.5M sq ft in 80 buildings with 200+ reports and billing \$100M/yr. Developed and maintained requirements and schedules within an Information Technology Infrastructure Library (ITIL) environment; produced statements of work and executive presentations for a diverse set of infrastructure applications including Pinnacle telephone billing, e911 emergency alerts, Nuance automated attendant and Siemens HiPath 5000 XPressions voicemail. Coordinated project release rollouts, assisted in group training classes and managed testing for internal initiatives such as occupancy tracking, royalty distribution, and web-based stores for both internal (Office Art) and external (Sony Online Emporium) client access. Technologies included Adobe Flex, AJAX, C#/VB/ASP.Net, Java/J2EE, MS SQL, Oracle, OSCommerce, PHP / MySQL, Service Oriented Architecture (SOA), SAP web services, Tomcat, UNIX/Linux, Windows, WordPress, and XML data feeds. Recruited for this Director level position as a "short-term, part-time" contract that continued for 7+ years uninterrupted.

Technical Architect and Project Manager for a worldwide single sign-on LDAP authenticated J2EE WebLogic intranet Motion Picture Production Portal application tracking \$200M/yr in global production variances. Developed Architectural Proof of Concept, Software Architecture Document, Use Case Realizations, Reference Architecture and prototype system in preparation for a pure Java to BEA WebLogic Portal migration. Responsible for meeting target dates and final product delivery. Successfully launched project as international enterprise software. Technologies included Borland JBuilder, J2EE 1.3, EJB 2.0, JSP 1.3, Oracle 8, Hibernate 2.x, Struts, and WebLogic Server using a Software Development Framework (SDF) customized from the Rational Unified Process (RUP). Sony Production Portal BEA Whitepaper at [AndrewM.com](http://AndrewM.com)

Designed, developed and maintained two client-server MS Access database applications. The first (Motion Picture Production Database) tracked \$800 million+ in motion picture development costs; the second (Wheel of Fortune Puzzle Database) tracked and managed 10,000+ show data entries for the wildly successful game show. 6/99 - 7/00

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## **VENICE CONSULTING GROUP VECTOR INFORMATION SYSTEMS INC.**

**Architect | Entrepreneur | Sr. Software Engineer**

4/10 - 6/10  
9/01 - 9/02

Architect, Entrepreneur and Sr. Software Engineer for the TekGuard EMail Interceptor, an anti-spam email server and consumer-oriented subscription site. This Simple Mail Transport Protocol (SMTP) and Post Office Protocol (POP) email server and service runs as a C# Microsoft .NET Framework Application and Web Service on a Win 2003 Advanced Server system with a SQL 2000 back end. Weighed delivery priorities against technology gaps to successfully develop and deliver 30,000+ lines of Microsoft .NET C# code running as Windows Client/Server application. Communicated status and progress to key stakeholders throughout the company and served as single point of contact for all project status items. Following the lack of market interest in yet another anti-spam solution, worked with engineering and business teams to repurpose the underlying algorithms as the Obtanium data aggregator, search engine and browser with a MySQL back end. Upgraded to .Net 3.5 during technology refresh. **Technologies:** ADO, IIS, LINQ, MS SQL 2000/2008, MySQL, TCP/IP asynchronous sockets, Net Remoting, Threading, WinForms, WCF, WPF, XML, Outlook Object Model. [Tekguard.com](http://Tekguard.com) [Obtanium.com](http://Obtanium.com)

## **METLIFE SFG METROPOLITAN LIFE INSURANCE**

**System Architect | Technical Project Manager**

11/01 - 3/02  
1/00 - 8/00, 11/00 - 8/01

Contract System Architect and Technical Project Manager for a Metropolitan Life Insurance Company Business to Consumer financial information web site. Site permitted annuity policy holders in 4 states to register online and view account information, as well as perform fund transfers and allocation changes. Performed system analysis, architectural design, and managed personnel within a mixed Scrum / Waterfall environment to deliver a high volume B2C site that supported multiple brand identities, 24 x 7 availability and mainframe to SQL data connectivity. Identified and managed risks, ensured early adjustment and intervention for critical path issues to successfully launch products in consumer internet sector. Brought back after completion and later company acquisition to manage across corporate boundaries to execute realistic project plans for transfer of site to parent company and network infrastructure. **Technologies:** Windows NT, IIS 4, MS SQL 7, Visual Basic and Cisco routers.

## **BERTELSMANN MEDIA WORLDWIDE**

**Management Technical Consultant**

11/00 - 9/01

Management Technical Consultant for Bertelsmann warehouse fulfillment and Enterprise Resource Planning (ERP) Business to Business web site designs. Prepared system architectures, system specifications, proposals, estimates, alternatives and cost analysis for Bertelsmann Enterprise Resource Planning (ERP) Business-to-Business internet product and warehouse fulfillment for clients such as Microsoft and Blue Cross / Blue Shield. Involved analysis of existing and target technology roadmap, working with international teams and engineering management to deliver strategic, long-term execution plans.

## **VOICE INFORMATION SYSTEMS, INC.**

**CEO | Founder**

6/90 - 8/99

Founder of successful software consulting and development firm. Designed and implemented award-winning commercial software for editing and managing digital audio plus programming tools to help run voice processing systems. Generated \$5M+ in sales with 80%+ market penetration by translating business issues into customer solutions through opportunity identification, requirements development, software development management, delivery, support, and analysis. Products included a graphical audio editor, batch processing tools for digitized sound, an English language text-to-speech engine and a multi-threaded computer telephony hardware driver library. Delivered solutions across multiple vertical markets fulfilling clients' value proposition. Managed and inspired all parties to work towards common goals, including programmers, accountants, distributors, designers; coordinated production of technical documentation, marketing and sales materials. Developed a prototype Voice-Over-IP (VOIP) Internet Telephony real-time streaming audio product using on-the-fly audio compression and low-level Winsock TCP/IP protocols. Designed and implemented products using Visual Basic, C++, C, Windows SDK and 80x86 assembly. <http://www.VFEdit.com>

**Clients included:** AT&T Labs, Domino's Pizza, Bloomberg News, Boeing, Citibank, Citicorp, Conde Nast Publications, Delta Airlines, Ernst & Young, Federal Express, I.R.S., IBM Corporation, Monsanto Company, Northwest Airlines, Sandia National Laboratories, Siemens AG, Sprint, Sprint International, and Westin Hotels & Resorts.

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## CONSULTANT

Technical Consultant | Programmer

1989 - 2002

Contract Technical Consultant / Programmer for a variety of small and large businesses moving to web enable both internal operations and end-user products using IIS and ASP. Client list includes representatives from the banking, finance, legal and medical industries. **Technologies:** ASP, VB Script, JavaScript, CGI, MS Access, C/C++, J++ and VB applications.

**The Seidler Companies** Created brokerage firm daily commission tracking and reporting application suite. Designed using MS Access for initial network use and subsequent conversion to Intranet access. Performed system analysis and architectural design, worked with internal I.T. personnel for implementation. 7/98 - 3/99, 7/01 - 10/02

**Rhone-Poulenc-Rorer Pharmaceutical** Performed high level analysis and management presentations for the business communications group to help them determine their Internet and Intranet needs. Prototyped using NT Active Server Pages with Internet Information Server 4.0 and Site Server 3.0. 12/97 - 6/98

**CyberMedia, Inc** Developed Windows Dial-up Networking based automated troubleshooting software that detects and corrects end-user Internet Service Provider (ISP) connections problems. Installation support for Java based web search engine interface using Microsoft Visual InterDev. Developed using Microsoft Visual C++ 5.0 and Visual J++ 1.1. (3/97 - 8/97)

**IBM Global Business Services**, formerly Security Pacific Automation Company (SPAC) Designed and developed a PC-based multi-threaded OS/2 graphical interface for a bank check signature recognition system. Flew between geographically remote prime contractors to keep project moving forward and contractors in communication. Served as lead designer and traveling technical liaison for prime contractors; the project was a joint development effort between IBM (Charlotte, NC) and Security Pacific (Glendale, CA). Coordinated system interfaces and data structure designs with other development groups. Provided status and project guidelines for corporate management. Trained and assisted junior team members in C and operating system programming in PC environment. Programmed in C under OS/2 Program Manager. 3/89 - 5/90

## TECHNOLOGIES

**OS/Servers:** Apache, CentOS, JBoss, Microsoft Windows 2008, 2003 & XP, Microsoft Internet Information Server (IIS), Unix/Linux, WebLogic Server / Portal, SAP Internet Transaction Server (SAP ITS)

**Languages:** Active Server Pages ASP.NET, Adobe Flex, ASP / ASPX, PHP, AJAX, Hibernate, HTML, JSP, Java, JEE 6, JavaScript, LINQ, .NET Framework, Spring, Visual Basic, C#, Visual C & C++, WCF, WPF, XML

**DataBases:** MSAccess, MSSQL, MySQL, Oracle, Sybase

**Protocols:** ActiveX, Active Data Objects (ADO), Amazon EC2/S3, COM, Remote Data Services (RDS), TCP/IP

**Tools:** Eclipse, JBuilder, PVCS, Visual SourceSafe, Visual Studio, SAP R/3 Easy Access, SAP R/3 Business Warehouse, phpBB, OSCommerce, Windows Install, WordPress, FrontPage, DreamWeaver, Firewalls, Routers

**Legacy Technologies:** [AndrewM.com](http://AndrewM.com).

## EDUCATION | AWARDS | CERTIFICATES | PUBLICATIONS

MSEE, Computer Engineering, USC, 3.8 GPA

BS, Electrical Engineering, Rutgers University, High Honors

Adobe Flex Certified

BEA WebLogic Portal Certified

CT Magazine Product of the Year

CT Expo Best of Show

CT Magazine People of the Year

CT Magazine Product of the Year

TeleConnect Magazine Editor's Choice

TRW Fellowship award

For Publications, Lectures, and Papers, please see [AndrewM.com](http://AndrewM.com)

