Adam Leffert

109 Woodchester Drive
Chestnut Hill, MA 02467
mindmodel@gmail.com

CAREER SUMMARY

- Over 25 years of successful consulting, generating value for businesses.
- Numerous references from satisfied clients and customers.
- Invented, developed and marketed a commercial software product: MindModel.

COMPUTER SKILLS

Web Technologies: HTML, CSS3, Firebug, ASP.NET, WCF, REST, Microsoft Azure, XML, DevExpress ASP.Net controls, Telerik ASP.Net controls, WordPress, eXpressApp Framework (XAF), IIS, Apache (basics), DNS, Fiddler, SharePoint Portal Server, Windows SharePoint Services.

Database Technologies: SQL Server 2012, T-SQL stored procedures, SQL Server Profiler, SQL query optimization, Entity Framework 4.0, eXpress Persistent Objects (XPO).

Programming Languages: C#, JavaScript, VB.Net, PHP (basics), ColdFusion, C.

Other Skills: Software architecture, business analysis, technical writing, training, fluent in French.

WORK EXPERIENCE

Senior Developer, Waltham, MA, January 2010 – Present (contract work)
- Met with clients to gather requirements, clarify business processes and design the system.
- Developed web-based system used by a major university to manage compliance for over 300 student organizations
- System implements all business rules required by the Budget Analyst, Student Union and student organizations, with appropriate permissions for each role.
- System is highly-rated by the university administration and students.

Senior Developer, North Kingstown, RI, December 2012 – Present (contract work)
- Collaborated with clients to design a quality-control software system for a group of factories.
- System allows administrators to define alert criteria describing situations which require engineers' attention.
- Admins can also define a set of custom reports for each alert condition.
- System monitors production data, and sends emails containing tabular reports and charts when alert conditions are detected.
- Technologies include: C#, ETL from dBase to SQL Server, stored procedures, DevExpress XtraReports reporting system, HTML emails.

Senior Developer, Woburn MA, December 2013-December 2014 (contract work)
- Wrote C# code to implement service layer for mobile banking application.
- Code communicates with external banking systems.
- Created SQL Server schema and wrote stored procedures.
- Wrote automated tests.
- Worked with management and subject-matter experts to refine the specification.
- Wrote documentation.
- Mentored junior developer.

Senior Developer/Software Architect, Cambridge, MA July 2011-April 2013 (contract work)
- Senior developer on multiple projects (SPAS, ASTARS, SAS) to provide aviation safety software systems to the Federal Aviation Administration (FAA).
- Team member tasked with solving difficult development problems, fixing sneaky bugs and supporting the efforts of other developers.

- Responsible for the UX design and implementation of ASTARS AIR Simulation software, highly rated by senior management.
- Taught C# and object-oriented architecture to team members.
- Wrote code at all levels of the development stack: from T-SQL stored procedures, through C# code, Entity Framework, WCF Services, ASP.Net, HTML, CSS and JavaScript.

Senior Developer, Boston, MA, August 2005 – December 2009
- Meet with clients to define specifications and project plans.
- Design and develop Web and desktop software.
- Projects included Salesnet automation, employee gift web sites for Pizza Hut, data analysis for fraud detection for an ISP, writing unit tests for a real-estate software company.
- Software testing and documentation.
- Application deployment and system troubleshooting.

Business Analyst/Developer, Boston, MA, May 2005 – September 2005
- Meet with attorneys and other legal professionals to collect requirements.
- Work with managers to refine and implement best practices for project management and development.
- Translate business requirements into specific tasks for SharePoint content editors/developers.
- Supervise team of three content editors/developers.

React Software
Developer/Consultant, Marlboro, MA, December 2004 – May 2005
- Developed web server software in Visual Basic.NET for ASP.NET.
- Wrote NUnit methods to automate testing.
- Assisted other developers.

MindModel Corporation
CEO, Chestnut Hill, MA, 2000-present
- Invented, designed and developed commercial Windows software application.
- Created single-user, multi-user and web server versions of MindModel.
- Co-wrote patent application for the technology: # 20030028370
- Main web site: http://www.mindmodel.com (software can be downloaded from this site)
- Wrote and did page layout for complete set of printed documentation (over 500 pages).
- Online version of documentation: http://www.mindmodelhelp.com.
- Customers include: Nokia, Philips, Siemens, Fujitsu, US Coast Guard, Deloitte & Touche, Tivo UK, ITT Industries, MIT, Partners Healthcare, US Navy, BBN Technologies, Arthur D. Little, U.S. Equal Employment Opportunity Commission (EEOC), United Nations.

HealthShare Corporation
Developer/Consultant, Acton, MA, 1999
- Technical consultant and developer for healthcare management software company.
- Improved speed and reliability of 4D database code with minimal disturbance to existing system.
- Assisted other developers.
- Created a module which allowed reports to be run in batch mode, for performance testing and user convenience.
- Advised management on methodologies for expanding the capabilities of the software while minimizing maintenance requests.

ScriptGen Pharmaceuticals
Developer/Consultant, Medford, MA, 1993-1999
- Designed and developed multi-user 4D database for high-throughput drug screening.
- System contained over 4,000,000 records.
- System handled all aspects of the drug-screening process, from compounds and inventory items to assays and statistical analysis.
- Included automatic batch import and processing of data, as well as a full-featured user interface.

Clearface, Inc.

Developer, New York, NY, 1991-1993
- Developed The Kerning Palette, a QuarkXTension, written in C, which debuted at Seybold in 1991.
- Allowed the user to make adjustments to kerning tables without leaving QuarkXPress.
- The user can export kerning tables in different formats, modify FONDs in the system, and create custom suitcases.
- Sold for $195.
- "Although stand-alone kerning pair editors for the Mac have been around for a while, The Kerning Palette, a QuarkXTension, stands head and shoulders above them all, ****1/2," Publish magazine, October, 1992.

Developer, Osaka, Japan, 1993-1996
- Developed a full-featured kerning package, J-Kerner, for QuarkXPress in Japanese.
- Supported kerning in Kanji, Hiragana, and Katakana, for both vertical and horizontal text.
- QuarkXPress Japanese (at this time) did not by itself support kerning.
- Sold for USD $1,500 per copy.

Colorscape, Inc.
Developer/Consultant, Winchester, MA, 1991-1993
- Revised existing 4D database publishing system to improve performance and insure data integrity.
- The database produced the text contents of the New England Business Service, Inc. Directory of Software as a completely formatted QuarkXPress document.
- Consulted with management on the purchase and configuration of hardware, software and networking products for color separation and printing.

Developer/Consultant, Amherst, NH, 1991-1992
- Consulted on the design and implementation of simulation software for the United States Department of Defense.
- This application combines a Macintosh graphics front-end with an Inside/Out database back-end.
- Created an LDEF (list manager definition procedure) which displays small icons and text in scrolling lists.

Microcosmos
Developer, Cambridge, MA, 1985-1991
- Designed and developed MacIndexer, the first Macintosh program to create book indexes automatically.
- Participated in marketing, production and technical support.
- Worked on a team which created MacHyphen, desktop publishing software.
- Designed and developed Shadow, automatic save and backup program for the Macintosh.
- Major Macintosh publications (MacWeek February 20, 1990, MacWorld February 1990) have reviewed and recommended Shadow for their readers.

Liberty Mutual Insurance Company
Developer/Consultant, Portsmouth, NH, 1989-1990
- Worked on a team which developed and extensive client/server database.
- The system used SequeLink to access SQL databases residing on a DEC VAX..
- Insurance agents used this system to calculate loss reserves for workman's compensation and life pension claims.

Lincoln Labs
Developer/Consultant, Lincoln, MA, 1989
- Worked on a team which developed a 4D database to analyze flight information collected from multiple sources.
- Lincoln Labs used this database to do statistical analysis aimed at maximizing the number of airplane landings at Boston's Logan Airport.

Cambridge Technology Group
Developer/Consultant, Cambridge, MA, 1988
- Introduced Macintosh software development and consulting to the UNIX-oriented technical

staff.
- Met with clients for pre-sales consultation.
- Worked alongside clients to develop solutions.
- Developed a software bridge to connect Macintoshes to UNIX machines for unattended, error-free data transfer.
- Worked with CIGNA to create a financial reporting workstation used to track real-estate investment performance.

EDUCATION

B.A. Computer Science, Brown University
Magna Cum Laude. Elected to Sigma Xi Scientific Research honor society.
Specialization: Database systems.
Captain of Brown Taekwon-do team 1983-1987.