

Randy Kreisel

4216 Beard Ave N

Robbinsdale, MN 55422

Home 763-537-2530 - Cell 763-245-0903

I am an experienced designer, developer and application architect, with successful project leadership expertise. I am highly regarded for my knowledge across multiple technologies. I possess superior communication skills and have a strong ability to discuss technical concepts with non-technical users.

**Experience:**

**11/99 – Present – volunteer work for non-profits**

**Web Designer and Developer**

Designed and built several websites for non-profit organizations. Utilized a wide range of technologies from simple HTML (early sites), to Java/JSP/Servlets (circa 2001-02), to ASP.net and ASP.net/MVC. The current project utilizes the MVC2 framework and a large amount of Javascript/JQuery/JSON/CSS and AJAX to improve performance and the user experience.

**07/07 – Present – Magenic Technologies Inc.**

**Senior Consultant**

**February 2011 - Present: Medical Testing**

I am currently working with 5 additional developers and three other Magenic staffers to implement an MVC3/Razor/Jquery/Sql Server web application to manage “random” scheduling for drug testing. On this project I have been designer, co-architect, developer, mentor, and tool subject matter expert.

**January 2010 - October 2010: Government**

I worked on a project with 5 other Magenic developers to implement a rich client (WPF), Windows application to manage legal documents. In this context, I have also implemented over a dozen WCF services to manage the data and images.

**December 2009: Legal**

I worked with two other consultants to complete an Outlook add-in product that will be used to track issues in divorce cases. Utilized a third party tool (Add-In Express) to build the product and the Microsoft Report Viewer to develop reports.

**December 2009: Agricultural Management**

Returned to a previous client to continue work on a WinForms based application to provide analytical data related to milk cow herd production.

**November 2009: Legal**

I worked with two other Magenic consultants to build a toy recall/return claim processing web site. The site utilized the Microsoft MVC framework and JavaScript.

**August 2009 – September 2009: Finance/Credit**

I built and updated web services to provide data to the front end processes that built the web pages. In addition I developed unit tests for the web services and modified web pages to display the data gathered by the web service using third party rendering technologies (Spark). Screens for this application were customized to display properly on both web browsers and (selected) mobile platforms.

**Development Skills**

- C#
- VB .NET
- ASP .NET
- AJAX
- JavaScript
- JQuery
- CSS
- MVC
- WPF
- WCF
- WVM
- Outlook add-ins
- WinForms applications
- VB and VB for Applications
- HTML/DHTML
- VBScript

**Database Skills**

- SQL Server (thru 2008)
- MySQL
- Oracle

**Areas of specialization:**

- ASP.Net Applications
- ASP.Net Web Services
- Windows Applications
- Windows Services
- MS Office
- MS Windows: v3 thru 7
- Server NT thru 2008

### **June 2009 – July 2009: Agricultural Management**

For this client I enhanced existing Windows application to process data in additional formats and enhanced a WCF Windows service to provide the data needed in the new formats. I also assisted in the replacement of a legacy source code control application with SVN (Subversion).

### **Feb 2009 – June 2009: Financial/Stock Market News**

I was Part of a 30+ person team tasked with the rewrite of the company's flagship web site. I developed skills in Microsoft's MVC architecture using the Spark rendering engine. I greatly enhanced my skills with JavaScript (particularly using JQuery), CSS and WCF web services.

### **Jan. 2008 – Jan 2009: Medical Devices**

Although initially hired as "fill in support", I became the primary technical lead for a project that provided software tools in the form of web applications, to support personnel in the Cardiac Rhythm Disease Management division. Initially I developed a series of "plugin" modules that were added to an existing framework. When systemic design flaws in the framework were discovered I was tasked with re-architecting the framework itself and updating the existing "plugins" to comply. This project involved the construction of web applications, web services, Windows applications and command line tools.

### **August – Dec. 2007: Financial/Stock Market News**

On this, my first assignment as a consultant, reverse engineered a C++ COM class that publishes new stories to a database, into a C# dll for use by other modules. (I also converted this class to .Net 2.0). I added two new modules to extract stock related news stories from news feeds and load that data into a database. I also designed and built an enhancement to the news reporting system to report "news density" (the number of news stories for a given security in a given time period broken down by minute, quarter hour, hour, day, etc.). Finally I designed and built four HTTP handlers (C#) to provide back-end data retrieval for AJAX based web pages.

### **April 2006 – July 2007: Printing Industry**

Senior Systems Analyst

- Modified a Windows service (C#) that formats custom print jobs using PageFlex.
- Designed, developed and deployed a multi-platform interface to BCC Software's MailManager 2010 program. This (C#) interface allows Windows, Web and Console applications to utilize the Zip code delivery encoding features of MailManager 2010.
- Designed and implemented an administration web site for a customer data collection web application.
- Designed, developed and deployed a replacement for a cumbersome and underperforming Windows service that managed movement of data between multiple data collection systems and databases.
- Refined and improved the scheduling mechanism used by this application and implemented a web application to manage the schedule without starting and stopping the service.

### **March 2004 –April 2006: Hospitality Industry**

Senior Systems Analyst

- Designed, developed and deployed multiple web applications using Microsoft .Net technologies. (ASP.Net and C#).
- Developed a set of XML web services (ASP.Net and C#) to interface with and manage the Oblix Identity Management system.
- Upgraded a large Cold Fusion site to the current version and ported it to run under Blue Dragon.
- Integrated new ASP.Net (C#) applications and web services into the existing Cold Fusion site.
- Developed a training plan for existing staff to expose them to .Net technologies.
- Trained and mentored junior staff.
- Provided technical expertise in a large Proof of Concept exercise to select a Business Intelligence tool.
- Developed and deployed numerous web services to support various business functions.

### **March 2003 – February 2004: Finance Industry**

Business Technologist

- Implemented third party reporting tool (Business Objects) for a user base of 400.
- Designed and developed both the metadata layer and the reports.
- Developed an initial training program for the user community.
- Was also instrumental in determining technical direction for a new ancillary application framework to replace 200+ MS Access applications.
- Participated in the construction of a web application (ASP.Net and C#) to interface a third party tool with Business Objects.

### **October 2002 – February 2003: Home Security Industry**

Senior Developer

- Developed Windows based Home Automation and Control System. The user interface was built in ASP .NET and a series of four Windows Services were built in C# .NET. The fifth component, an application to record video from IP based cameras, was built in C++ and C++ .NET.
- Was responsible for the research, construction, development and testing of the entire back-end portion of the project as well as the initial development of the user interface.

### **August 2002 – September 2002 Banking Industry**

Focus Programmer

- Supported the corporate payment systems department by writing report generation programs in FOCUS.
- Implemented several process improvements.

### **June 1998 – June 2002: Check Printing and Financial Transaction Processing Industry**

Application Architect/Project Manager

- In my project management role I led a number of technical projects including two R&D product evaluations, two sales force process improvement projects and one internal database consolidation effort. I regularly received high marks for customer satisfaction.
- As the architect for the group I was involved in the design of all new development and enhancement projects within the department. This included choosing the right hardware and/or software, and ensuring compliance with corporate enterprise standards. Many of my responsibilities involved preparation and presentation of design alternatives to the user community and the architecture council. I have also been involved in leadership of multiple concurrent projects and a number of “proof of concept” exercises. As the senior technical employee in the department I provide mentoring and assistance to less experienced personnel.

### **May 1997- June 1998: Parts Distribution Industry**

Sr. Systems Analyst/Programmer/Project Lead

I was the lead designer, developer and project manager in charge of two client server development projects. The first was an effort to track and report progress of Engineering Change Notices. The second was a system to eliminate a pair of Dos-based sourcing and quoting systems, as well as several manual processes. A team of six Delphi programmers, under my direction completed these projects. In both cases I was responsible for technical direction, project planning, work assignment, time and cost estimating and overall budgeting. I was also responsible for training the entire staff (6) of Clipper/dBase programmers in Delphi and Oracle.

### **February 1995 –May 1997: Travel Industry**

Sr. Systems Analyst/Programmer

- Switched development focus from mainframe to client server. First project leadership role.
- Monitored and mentored team members to ensure compliance with company standards.
- Prepared detailed project documentation.
- Designed and built a Visual Basic/SQL Server inbound call tracking application.

### **September 1993 – February 1995: Grocery Distribution Industry**

Systems Analyst/Programmer

- Maintained and enhanced batch COBOL systems to supported warehouse operations that worked with a CICS on-line/batch system to support warehouse pricing functions.
- Provided technical PC support to coworkers.
- Taught classes in COBOL II and Extra script writing to internal staff.

### **April 1990 – August 1993: Medical Insurance Industry**

Senior Programmer Analyst II

- Led a multi-year project, to electronically image and maintain all paper documents on optical storage devices.
- Was involved in all phases of the development from the definition of user requirements, through design, coding, testing and implementation.
- Built a workflow system to electronically route imaged claims to processors.

**August 1987 – April 1990: Aircraft Production/Government Supplier Industry**

Associate Business Programmer

- Supported accounting and resource management systems written in COBOL.
- Participated in a proof of concept exercise to evaluate a new development platform, and was designated as the hardware/software coordinator for that group.

***Education:***

- Washington University, St. Louis, Mo. - B.S., Data Processing, 1987, GPA 4.0/4.0
- Southwest Baptist College, Bolivar, Mo - B.A. History and Sociology, 1979, GPA 3.1/4.0
- Skills enhancement courses at a Hennepin Technical College, Brooklyn Park MN (GPA 4.0/4.0).

***Certifications:***

- Microsoft MCPD
- Microsoft MCTS