

MICHAEL BREEDEN
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QUALIFICATIONS SUMMARY

Software Engineer with over 15 years of demonstrated success providing wide range of software solutions including the complete software application life cycle, relational database development, business objects and business support. Broad experience as a software developer for Mobile Web and WinForms projects. Can be team leader or team member as needed, with excellent communication and problem solving skills applied to a variety of projects. Programs efficiently with goals of simplicity, flexibility and maintainability using OOPs in standard design patterns. Ten years using C++. Over ten years using ASP, ASP.Net, .Net 2.0/3.5/4.0/4.5, C#, MVC 3&4, ORM & Entities, Dlinq, Xlinq, Business Objects, SAS, SOA, Winforms, WPF, WCF, HTML5, JavaScript, JQuery AJAX, JSON, CSS 3.0, Bootstrap, Infragistics for Win and Web, SSIS, SSRS.

TECHNICAL SKILLS

Databases: MS SQL Server (TSQL, ESQ) including SQL Server Management Studio 2005/2008, SSIS, SSRS, Visualizer for AS400, Oracle, MySQL, PostGRE & Mongo.

Technologies: C#/C++/VB/ASP/ADO.NET, Visual Studio 2003, 2005, 2008, 2010 & 2012, TFS, C++ Builder, WCF, SQL, LINQ to Objects, XML/SQL, ORM and Data Entities, MVC, UML, XML, XSL, HTML5, XHTML, CSS, Web Services, Web API, VB Script, JavaScript, jQuery, JQuery.mobile, AJAX with JSON and XML, Bootstrap, PHP, Python Django, VMWare and others. Some experience with Linux. I apply an advanced design pattern to AJAX and get exceptional capability with it.

Networks: Win2008, Win2003, Win2000, Win NT and some Novell

- Object Oriented Analysis and Design of Windows Services, Windows Applications and Web Based Applications
- Business Objects
- Software Analysis, Maintenance and Extension
- Agile Development, Team Foundation Server, VSS, Subversion, Test Driven Development, Viper
- Solution Development and System Integration of n tier Solutions
- Graphic Design with Adobe Photoshop, Paint.Net & Gimp. Video Production.
- Documentation

My portfolio web site is at www.a1swdeveloper.com.

EDUCATION

University of California, Bachelor of Science

Computer Science classes at UC Extension and local colleges including classes in: C Data Structures, Micro Computer Design, Visual Basic, C, C++, VB.Net 1 & 2, Object Oriented Design, XML, Java, JavaScript, Windows 2003 Administration, Project Management and others.

PROFESSIONAL EXPERIENCE

February 2010 – Present
Software Developer, Consultant

Tricerat: Created HTML5 Mobile Web Admin Interface for the Torx product using MVC4 with Razor in Visual Studio 2012 with .Net 4.5. So far this has required approximately 25 views. This is all based on the Mongo database. It makes extensive use of JQuery and JQuery UI for DOM UI manipulation with AutoComplete over AJAX as well. It is based on Windows 8 type CSS styles. Using JQuery Mobile this Admin application is designed primarily for PC and iPad use, but will work on an iPhone a well. This is an Agile project. The great part of this project is that I have been able to make almost all design decisions.

- Made enhancements and fixes to a drug regimen cost comparison web application using C# ASP.Net, JQuery and SQL Server in Visual Studio 2010. Technology included gridviews, repeaters

and jquery.

State Department of Public Safety: I collected requirements, designed, coded and tested a C# application for a data migration from an Oracle database on a mainframe. I was able to recommend how to cut the nightly processing time about in half, which considering the run time is about 8 hours was, significant. It required fairly good SQL.

Bridgestone Commercial: Developed jQuery AJAX based Web UI for customer facing commercial project. It used a Python Django back end. Various web technologies. Subversion Source Control.

BANK of AMERICA: Enhanced and modified an ORM Entity framework web application for mortgage processing and document tracking using C# and SQL. Responsible for requirements, design, implementation, documentation, build and release. VS 2003/2005/32008/2010 and SQL Server 2005/2008. TFS Enterprise.

- Created and updated a variety of internal and external business web pages and Windows applications. Many required extensive SQL development.

WARNER PACIFIC. : Created and updated web pages for the primary public facing web site and the internal administration tool for General Insurance Agency. Web applications were based on sophisticated business objects and Infragistics components. Languages included C#, ASP.Net, HTML, CSS and Javascript.

- Designed and developed two enterprise Windows applications using C#, SQL Server 2005, Visual Studio 2008 and Infragistics components. Limited usage of Telerik components.

DISNEY ABC Television: Contract to create and updated web pages for Corporate Leadership Convention web site. Languages included C#, ASP.Net, Classic ASP, HTML, CSS and Javascript.

- Used Excel object to make reports from SQL Server.

February 2008 – July 2009

BLACKBOARD INC., Washington, DC

Software Engineer

- Created and updated web pages for the primary public facing product and the internal administration tool as well as maintenance of a variety of backend applications for importing and processing data. Languages included C#, ASP.Net, Classic ASP, HTML, CSS, Javascript, SQL and even VB.
- Implemented code modifications to secure the code for passing automated security auditing.
- Maintained and extended C# Windows Service that spun off multiple threads for processing data files.
- Project deliverables required extensive documentation including Visio and UML diagrams.
- I am trained in Agile programming methods using the MS Team Foundation Server.

April 2007– December 2007

Software Developer, Consultant

UCLA COMMUNICATION TECHNOLOGY SERVICES: Automated various requests to the Communications Technology Services group using the web and Windows Services to replace Active Directory and Exchange Server processes that were currently done manually.

- Modified and enhanced the CTS department production web site using JavaScript, CSS and ASP.Net. Completed projects delivered as MSI files including the XML settings files. Acquired SNMP data using FTP and HttpRequestGet.

MOULTON LOGISTICS MANAGEMENT: Using C#, created a SQL Server based Credit Card Processing System based on Windows Services and WinForms with an ASP.Net, CSS, Javascript front end for monitoring, control and statistics.

RAJYSAN INC., Van Nuys, CA July 2004 – April 2007

Engineer

- Converted a Novell Domain and its functionality to a Windows 2003 Domain. Created the Win2003 domain, then converted the existing Pervasive Btrieve based Macola Accounting System to a MS SQL Server 2000 based system.
- Maintained and enhanced the existing ASP scripts as well as created a number of new ASP.Net pages. Servers for both the Intranet and the Internet portal were configured. Extensively used Javascript and CSS.
- Created and documented the entire system, all application information, the security strategy as well as the backup and recovery strategy.

- The impact of the system update changed the dynamics of customer phone calls. Instead of it taking two minutes or more to get parts information from the old system, it now takes fifteen seconds. That changed how the order clerks could deal with the customer on the phone.
- Developed and assembled a complicated wireless infrastructure with a wireless bridge to connect two buildings.
- Created and released CD ROM Parts Catalogs for two suppliers that allowed ordering by email or fax. Functionality included parts search and order history for re-ordering that required a custom installation program.

GALEN HEALTH SERVICES, Van Nuys, CA May 2004 - July 2004

Developer

In this contract position my responsibility was to act as a project manager for supporting the Galen Health System for medical clinics.

- Used VB, Crystal Reports and SQL Server to add HCFA capability to a medical clinic management and billing applications.

SECURE PAYMENT SYSTEMS, San Diego, CA July 1997 – December 2003

Senior Software Engineer

- Created company risk management data warehouse and all related analytic applications using C++, C#, SQL Server and WinForms. Project was developed at less than half of projected cost.
- Created combined Stored Value Card and Check Acceptance application.
- Designed, implemented and tested various large and small software projects.
- Designed the network topology, component selection and installation of the physical network.
- Managed IT Vendors. (Scanner providers, Image storage, others)
- Oversaw all application testing on different versions of the Windows operating systems.
- Managed installation and maintained customer follow up of new software in the field.
- Oversaw all IT support functions including building and maintaining all PC's and the network at the company's main office as well as full power independence with battery and generator backup.