

# Michael D. Clark

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## Objectives

To develop WordPress websites that are responsive both on desktop and mobile devices.

## Skills

*WordPress, C#, .Net, VB.Net, php, Visual Basic, VB script, JavaScript, JQuery, AJAX, XML, XSL, C+, C, SQL Server, Access Programming, Source Safe, UML, Python, Java*

## Work Experience

- 7 years of .Net development experience.
- 11 years of Web development experience
- 18 years of software development experience
- 12 years of Engineering experience

## Employment History

### ***Owner (1/1/12-Present)***

***VintageBikes.mossycity.com***

***Technical Environment: c#, php, html, mysql, WordPress***

- Restore vintage bikes/resell. Coded various versions of the business web site. The current version is in WordPress.

### ***Senior Software Contractor (11/22/10-12/22/10)***

***Chipton Ross/Boeing***

***Technical Environment: C#, HTML, javascript, jquery, .Net, Excel, SQL Server, Stored Procedures, Full Text Search***

- Gathered requirements designed and implemented a custom web site to act an authenticated portal for Engineers to search and download for various project files. Features included the ability of admin Users to dynamically create web content and upload project files. Web pages could be configured to restrict access to Users belonging to specific security roles. In addition, these pages allowed in place editing of content.
- Gathered requirements designed and implemented a system tray windows program for Users to quickly open group directories and files.
- Gathered requirements, designed and implemented an MS Excel shared macro to quickly set the working folding.

### ***Tutor.com (1/09-6/12)***

- Math and Physics Tutor.

### ***MCSoftware - Freelance Projects (7/06-Present)***

***Technical Environment: C#, ClickOnce Smart Client, php***

- Developed “Virtual Stock Trader”, a windows program to teach people how to trade stocks using technical indicators. Downloads historical stock data from the net and plots these data on the screen. Allows users to step through the data in time and decide when to buy and sell stocks based on the charts.
- Developed the Community Empowerment’s Web site using Joomla’s content management system: <http://www.endruralpoverty.org/>
- Developed an Event Registration System for Community Empowerment using php and MySQL
- Developed a Dating Site using Microsoft’s Dot-Net platform and MySQL:  
<http://www.soulpick.com>

### ***Volt/Microsoft (10/07-1/08)***

***Technical Environment: C#, ASP.NET, Ajax, Ajax Toolkit***

- Worked on a team to develop an Ajax enabled web application to register for web server space.
- Gained experience working with Ajax UpdatePanel control and Ajax Toolkit control’s, i.e. ValidatorCalloutExtender, ModalPopupExtender, and Accordion controls.

### ***Volt/Proclub (1/07-2/07)***

***Technical Environment: C#, ASP.NET, M/S ACCESS, Reporting Services Control***

- Sole Designer, Developer and Tester of a smart client that exported invoice data from an M/S Access Database to QuickBooks.
- Used type datasets and master/detail data bound grids and a five-step wizard to reduce the complexity for the end user.
- Used the Reporting Service Control to allow the user to export a summary report to Excel or create a hard-copy
- Provided both a user and design guide with both guides available through the Help menu.
- Completed the 3-week project 1 week early.

### ***Volt/Proclub (9/06-12/06)***

***Technical Environment: C#, ASP.NET, SQL, Reporting Services***

- *Developed an internal reporting web portal using c#/ASP.net to access SQL Reporting Services Reports*
- *Developed SQL views, functions and stored procedures to be consumed by SQL Reporting Service’s Reports*
- *Developed numerous SQL Reporting Services Reports*

### ***Senior Software Contractor (3/06-7/06)***

***Excel/Boeing***

***Technical Environment: C#, XML Spy, XML DOM***

- Developed the decision logic object for a windows application that will be used by the airlines to configure the interior of the 787 airplanes. The decision logic is entered graphically by the Payloads Engineer using XML Spy. The code I wrote interprets the XML Schema produced by XML Spy to tell the User which hardware was selectable.

**Senior Software Contractor (10/05-1/06)**

**Volt/ CyberSavvy (<http://cybersavvy.biz>)**

**Technical Environment: C#, .Net 2.0, SQL2005**

- Developed registration site for Bill Gates' yearly summit with the world's top VIPs using ASP.Net 2.0 technologies. These technologies included typed datasets, datasource control, validation controls, custom web controls, data repeater, grid view, and Microsoft application blocks.

**Senior Software Contractor (10/03-8/04, 10/04-01/05, 3/05-8/05)**

**Volt/Microsoft (Redmond)**

**Technical Environment: C#, VB.NET, SQL2000, WIN2K Server, VB6, HTML, DHTML, JavaScript, vbscript**

- Developed new features for the internal M/S Market site using mostly C#, SQL Stored Procedures, XML, VB Script and ASP development skills.

**Senior Software Contractor (2/03-6/03)**

**Volt/Microsoft (Redmond)**

**Technical Environment: C#, VB.NET, SQL2000, WIN2K Server, VB6, HTML, DHTML, JavaScript, vbscript**

- Replaced middle tier and backend software objects for Microsoft company wide employee time tracking software (OnTarget, MSTT) with C# web services.
- Developed a web-based (VB.Net) application for all employment agencies to use to fill Microsoft contingency staff positions (APTT).

**Senior Software Contractor (8/02-1/03)**

**CTS International/Boeing (Everett WA)**

**Technical Environment: ASP, SQL2000, WIN2K Server, VB6, HTML, DHTML, JavaScript**

- Developed a company wide ASP/SQL 2000 web application for Boeing Engineers to enter their technical/project expertise and for Engineers to use to find others that have a specific technical/project expertise. Searches utilized the XML Explicit option in SQL2000 to return XML directly to the ASP pages.
- Developed online suggestion system using ASP/SQL2000.
- Developed S/W tool for airlines to use to safely transport live animals in the cargo bays.

**Senior Software Contractor (3/00-2/01, 5/01-5/02)**

**Volt/Microsoft (Issaquah WA)**

**Technical Environment: ASP.NET, VB.NET, ADO.NET, XML, XSL, XSD, SQL2000, WINXP Server, VB6, ASP, Source Safe, ErWin, Siebel Business Objects, MSMQ, SQL7.0, COM, MTS, HTML, DHTML, JavaScript**

- Developed .Net/SQL 2000 code to create events and schedule individuals for Microsoft Events.
- Developed VB/ADO components and SQL 7.0 stored procedures, triggers for a large Web Site ([www.etera.com](http://www.etera.com)) that utilizes MTS to provide stateless object pooling and safe transactions against a SQL 7.0 database
- Developed code for the Microsoft external web site: [Microsoft Events Web Site](http://Microsoft Events Web Site). This is a site developed using ASP, XML and XSL technologies.
- Developed COM components for the Microsoft Events Web Site to read from the registry, send email, and write to the application log.
- Developed VB6/MSMQ server application to process XML registration packages from Microsoft Events Web Site, loads these registrations into a SQL database.

### ***Senior Software Consultant (2/98-2/99)***

#### ***Lante (Bellevue WA)***

***Technical Environment: XML, XSL, SQL6.5, SQL7.0, NT Server, VB6, ASP, Source Safe, ErWin, MTS, ADO, C, C, JavaScript, HTML, DHTML, M/S ACCESS***

- Developed an internal reconstitution tool for the Microsoft Legal Group to regenerate past Web pages that were once available on a Y2K Microsoft's web site. The tool was developed using stored procedures in SQL 7.0 to return ADO disconnected recordsets to both a VB user interface and active server pages.
- Developed a VB6/MSMQ server application to process XML registration packages from the Microsoft Events Web Site and loads these registrations into a SQL database.
- Developed a Microsoft funded Y2K resource CD that was customized for non-profit organizations. The user interface was developed using C and Window API calls.
- Developed a localized demonstration of Microsoft's year 2000 web content for the Microsoft Global Summit using DHTML, JavaScript and visual basic script. A director level manager pitched the demonstration to an audience of 6000 individuals.
- Developed simple to used SMTP and HTTP objects using MFC and Window API libraries for Custom Track's ZIX Mail application. This is a secured email application available for download over the Internet.

### ***Software Developer - Integrated Systems Group (1/97 – 1/98)***

#### ***Boeing (Renton WA)***

***Technical Environment: SQL6.0, M/S ACCESS, NT Server, UNIX, VB6, ASP, Source Safe, DAO, ADO, C, C, Fortran, JavaScript, HTML, DHTML, EXCEL***

- Developed a client/server application using VB/DAO to store and retrieve all of Boeing's Commercial Airplane Noise data in a single normalized relational database that is accessible throughout the company.
- Developed an object oriented C program to numerically determine the sound propagation through air conditioning ducts using a finite element approach for the Boeing Co.

### ***Principal Engineer - Noise Reduction Group (1/86 –1/97)***

#### ***Boeing (Renton WA)***

***Technical Environment: M/S ACCESS, NT Server, UNIX, VB5, Source Safe, DAO, C, C, Fortran, JavaScript, HTML, DHTML, EXCEL***

- US patent for isolated aircraft flooring.
- Awards for a concept to reduce costs of environmental system ducting that was implemented in all Boeing commercial aircraft.
- Published in NOISE-CON professional journal.
- Developed numerous technical tools in Fortran, C, VB and C++

## **Professional Certificates/Education**

- Microsoft Certified Solution Developer
- Graduate of University of Washington's C certificate program
- Certified Professional Engineer (Mechanical Engineering)
- Mechanical Engineering B/S From Texas A&M University