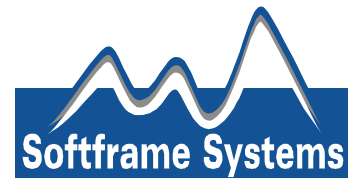


**David E. Browne**  
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## SUMMARY

- Microsoft Certified Solution Developer
- Senior Software Developer, Architect, Web Site Developer, Technical Project Manager
- Concentration in reporting systems for Financial and Government sectors
- 14 years experience in the complete life cycle of software projects with responsibilities including architecture, analysis, design, development, implementation, testing, support, and project management spanning both client/server and internet technologies
- 14 years experience with Microsoft technologies: C#, Visual Basic, Excel, VBA, FoxPro and Microsoft Operating Systems
- 12 years experience with database design in Oracle and SQL Server databases
- 7 years experience with web development using technologies such as .NET 1.0-3.5, C# .NET, VB .NET, ASP.NET, AJAX, XML/XSL-FO, Web Services, WCF, MVC, ASP, HTML and JavaScript
- Experience in application and database performance tuning
- Self motivated with excellent communication skills – a graduate of Tony Robbins' Mastery University
- Outstanding analytical & logical abilities and problem solving skills
- Capable of working alone and in a team environment

## TECHNICAL SKILLS

**Language:** C# .NET, VB .NET, ASP .NET, ASP, VB6, HTML, Javascript, VBA, FoxPro  
**Database Packages:** Microsoft SQL Server, T-SQL, Oracle, PL/SQL, Microsoft Access, FoxPro, dBase, Oracle Express, OLAP, Multidimensional Databases, Erwin, Tool for Oracle Application Development (TOAD), SQL Enterprise Manager  
**Data Access:** ActiveX Data Objects (ADO and ADO .NET), OLEDB, Data Access Objects (DAO), Remote Data Objects (RDO), Open Database Connectivity (ODBC), Microsoft Data Access Component (MDAC)  
**Software:** Microsoft Visual Studio .NET, Microsoft Visual SourceSafe, Seapine Surround & Test Track Internet Information Services (IIS), COM+, MS Transaction Server  
Microsoft Office: Excel, Word, Outlook, Access, PowerPoint, Visio, FrontPage  
Microsoft Project, Microsoft Exchange, Microsoft Visual InterDev, InstallShield  
Microsoft Internet Explorer, Microsoft Application Blocks, Crystal Reports, Excel PivotTables  
Adobe Writer, Adobe Forms, Adobe Photoshop, Dreamweaver, Fireworks  
**Web Technologies:** Web Services, WCF, WPF, .NET Remoting, Downloadable Forms, DotNetNuke  
**Methodologies:** Agile Software Development Life Cycle (SDLC), Rapid Application Development (RAD), Extreme Programming, Waterfall Model  
**Operating Systems:** Windows Vista/XP/NT/2000/9x, MS-DOS

## PROFESSIONAL EXPERIENCE

*Aug '03 – Present*

**Owner, Softframe Systems, LLC.** New Hyde Park, New York.

### SENIOR DEVELOPER

**August 2009 – Present – Client: Jefferies & Co, Inc. – .NET Web Application Developer**

- Designed architecture for a Customer Relationship Management (CRM) system using ASP.NET, C# .NET, and SQL Server
- Integrated with existing Pivotal CRM application
- Leveraged Telerik controls to enhance user interface
- Utilized WCF technology to increase system performance
- Incorporated Linq to SQL to simplify business object model

### SENIOR DEVELOPER

**February 2009 – August 2009 – Client: NYS OTDA – .NET Web Application Developer**

- Designed system architecture for an accounting based system using ASP.NET, VB .NET, C# .NET, and an Oracle 10g database
- Developed reports using a third party tool (ComponentOne)

- Programmed Oracle Packages and stored procedures to support the system
- Developed system prototype with users to ensure the new system would meet their needs
- Operated as meeting moderator and system process documenter
- Developed using Visual Studio 2008 and Oracle 10g

#### **SENIOR DEVELOPER**

##### **April 2007 – January 2009 – Client: IVY Asset Management – .NET Web Application Developer**

- Developed real-time financial marketing reports that presented the companies' performance in a series of tables, charts, and graphs along with full disclosure statements. Reports were full color, ready on demand (for sales calls) and sent monthly to printing presses
- Used ASP .NET, C#, SQL Server along with XSL-FO, SVG images, Excel, and Adobe PDF to produce financial marketing reports – object model included C# interfaces and inheritance
- Programmed functional design changes and bug fixes to financial “Blotter” ASP .NET web pages in C# and JavaScript that tracked the transferring of funds between Ivy asset portfolios, investor accounts and external (hedge fund) investments
- Refactored existing software object model for Investor Accounts using C#, WCF, Data Contracts, Operation Contracts and Validation Blocks – restructuring a core module of the system – in order to support a new Contact Management System (CMS)
- Used WCF, Linq to SQL, Validation Blocks and MVC in the architecture of the new object model
- Worked regularly with business analysts and end users to support an Agile development life cycle
- Developed programmatic source code unit tests in C# .NET using NUnit and Test Driven .NET
- Created extensive unit tests in C# for the purposes of testing code base
- Created custom Excel Macros to assist in data processing and supported front office users with all Excel related questions
- Created SQL Server 2005 stored procedures to handle Insert, Update, Edit, and Delete commands
- Developed using Visual Studio 2008, Visual Studio 2005, and SQL Server 2005

#### **SENIOR DEVELOPER**

##### **February 2007 – March 2007 – Client: The Blackstone Group – Access and Excel Development**

- Developed a series of custom Excel reports that provided the Human Resources Managing Partner with the financials of the entire employee population including their annual bonuses
- Created data entry screens for the purposes of entering in compensation information including currency exchange rates and employee office locations
- Designed interactive pivot table reports for use by Senior Management for the purposes of doing ad hoc analysis on employee compensation
- Development work was done in Access 2007 and Excel 2007 using VBA

#### **SENIOR DEVELOPER**

##### **January 2007 – February 2007 – Client: Appaloosa Asset Management – Access Development**

- Developed a custom Access database application that acted as an intermediary tool between the Hedge Funds Accounting Software and their external Prime Brokers
- The Access software could remotely access the accounting software and produce a report of the trades done for a given period and produce an extract file ready for FTP to the Prime Brokers
- Data entry screens were created to maintain system tables and static lookup information
- Reports were produced using Access' report writing tools
- Custom screens were designed for creating a managers tool for querying, filtering, and grouping large amounts of trade related data
- Development work was done in Access 2007 and Excel 2007 using VBA

#### **SENIOR DEVELOPER**

##### **June 2006 – December 2006 – Client: Merrill Lynch – Web Site Development and Data Migration**

- Developed a VB .NET console application that was used to migrate a SQL Server database of a custom Contact Management System (CMS) from Asia to the United States
- Used data modeling techniques to accurately position data into an existing system
- Modified an existing ASP.NET CMS web application to accommodate for new functional requirements due to the merging of two systems into one
- Built and designed web services to support the sharing of data across multiple systems
- Implemented email messaging system within the CMS system to handle the processing of information coming in from multiple hand-held devices
- Created custom Excel Reports to validate the migration of data

- Implemented AJAX web page designs to improve overall user experience
- Developed using IIS 6, Visual Studio 2005 and SQL Server 2005

#### **LEAD DEVELOPER**

##### **August 2003 – June 2006 – Client: US Fish & Wildlife Service – Reporting Web Site Development**

- Developed web site from the ground up for the purposes of reporting on information from several different Contract Management Systems
- Created custom reports using Visual FoxPro, MS Access, Excel (VBA, formulas, Macros, Pivot Tables), Crystal Reports, TOAD (Oracle) and SQL Server
- Wrote Oracle PL/SQL routines to cleanse, correct and migrate data
- Used SQL Server tools to import 1G data file and wrote SQL Server Stored procedures to process file into appropriate table structures
- Created project plans in MS Project to reflect the various stages of the SDLC
- Developed an “Efficient Computing” 2-day course complete with topics covering Microsoft Excel, Pivot Tables, VBA, Macros, Word, Adobe Acrobat, and Windows XP
- Used knowledge of ASP, ASP .NET, HTML, CSS, Internet Explorer, Javascript, Dreamweaver, Contribute, Fireworks, Adobe Photoshop, and IIS in the creation of web pages

*Feb. '03 – Aug. '03*

*President, Newjen Systems, Inc. Waterford, New York.*

#### **LEAD DEVELOPER**

##### **February 2003 – June 2003 – Client: IA Systems, Inc. – VB .NET Desktop Application**

Lead developer for this desktop application in VB .NET which utilized many of its benefits – including downloadable forms, web services, XML and Remoting. Product was one product within a suite.

- Utilized MS Application Blocks for data access and error handling
- Implemented downloadable forms to consistently maintain up-to-date software on client PCs
- Experience interacting with the GAC and using the GACUTIL
- Implemented Class Factories and Interfaces to avoid potential binary compatibility issues
- Implemented n-tier architecture with different modules interacting using .NET Remoting
- Designed SQL Server database to support the operation of this application

*March '99 – Feb. '03*

*Principal Consultant, Keane, Inc. Albany, New York.*

#### **PROJECT LEAD – TECHNICAL ARCHITECT (3 Projects)**

##### **July 2000 – February 2003 – NYS Office of Mental Health – ALFS/CFR Bridge Project – ALFS Control Point Project – ALFS Website Project**

Project Technical Leader for the ALFS project - a VB6 and Oracle n-tier system

- Responsible for software architecture, task estimation, assignments, code reusability, quality assurance, optimizing performance throughout and coding of core modules.
- Provided guidance to a team of eight in the development of business requirements, logical architecture, technical architecture, and module construction
- Utilized Erwin to create the logical data model, entity relationship diagram and data dictionary.
- Deployment of new releases was handled over the web utilizing InstallShield.
- Developed UML diagrams, ER diagrams and Data Flow diagrams as a part of design phase
- Developed middle-tier classes with strict compliance to UML Use Cases and Class Diagrams.
- Solely responsible for the design of the three-tier architecture consisting of: Application layer, Business layer and Data Access layer
- Designed and created a Batch Application to perform non-GUI processes
- <http://www.omh.state.ny.us/omhweb/spguidelines/>

#### **PROJECT LEAD – TECHNICAL ARCHITECT**

##### **May 1999 – June 2000 – NYS Thruway Authority – IIS Project – CAPS Project**

Project Technical Leader for these two client/server systems that utilized both Oracle 8 and VB 5

- Responsible for designing the complete systems, from database to front end
- Coded core programming modules while mentoring junior VB programmers
- Created Oracle packages, stored procedures, and functions using Oracle PL-SQL
- Produced various reports using Crystal Reports

**SENIOR CONSULTANT**  
March 1999 – May 1999 – Dow Jones, Inc. – Y2K Compliance

March '95 – March '99 **Manager Of Programmers, James McGuinness & Associates, Schenectady, New York.**

**LEAD DEVELOPER**  
– Tribune Media Services – Custom Excel Application

**LEAD DEVELOPER**  
– Erie County, NY Preschool System – VB5 and Access Desktop Application

**LEAD DEVELOPER**  
– WeCare Transportation, Inc. – VB5 and SQL Server Desktop Application

**LEAD DEVELOPER**  
– Unisys – VB5 and SQL Server Desktop Application

**LEAD DEVELOPER**  
– The Orvis Corporation – Oracle OLAP Reporting Application

**DEVELOPER**  
– General Electric – T&L System – FoxPro and SQL Server Desktop Application

## CERTIFICATIONS



*Microsoft Certified Solution Developer* (February 1998)  
*Microsoft Certified Professional*  
MCSD Exams include:

Visual Basic 6.0 Desktop, Visual Basic 6.0 Distributed, Visual Basic 5.0  
Visual FoxPro 3.0  
Windows Open Services Architecture I & II  
Windows Architecture I & II  
Analyzing Requirements and Defining Solution Architectures

*Tony Robbins Mastery University* (February 2005)

*Certified NetWare 3 Administrator* (June 1996)

## ADDITIONAL INFORMATION

Self-financed entire college education.  
Technical certifications were sought through self-paced courses.  
Maintained an eight-year perfect school and work attendance record.

## EDUCATION

**State University Of New York At Albany, Albany, New York**  
**B.A., May 1994** Major: Computer Science Minor: Business Administration

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