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Experience

d/b/a John H. Beagan, Jr., Watertown, MA. 91 – Present
Develop custom database applications, Web and Windows, for diverse clients using Microsoft Visual Studio, VB.NET and SQL Server. Since 2006, projects using current technology include:

Boutique Information Systems Development Group 2006 – Present

Web Applications:

Periodically assist this group in a variety of projects consisting mainly of VB.NET Web development using their in-house framework, SQL Server programming and creating SQL Server reports.

Software:

Microsoft VS 2008/05, ASP.NET, VB.NET, HTML, JavaScript, CSS, AJAX, Web Services, XML, SQL Server 2008/05

Projects/Tasks:

- For national provider of childcare, created version 2.0 of Web application used by customers to book childcare across the country. Implemented a host of new features and changes per list of requirements, and, subsequently, provided maintenance.
- Also, created a Web Service application to facilitate exchange of data between two business entities involved in this application.
- Created Web applications for major health care provider.
- Enhanced data warehouse and developed Analysis Services cubes.
- Involved in EDI for two manufacturing companies.

International Broker of Electronics 2007 – Present

Windows Application:

Facilitates the purchase and sale of electronic components around the world. The international sales force uses the application 24/7 while brokering deals on the phone. It supports the sales process by collecting information on customer requirements and vendor availabilities, and accesses the accounting system for available stock. Currently contains inventory of millions of parts for sale as well as a contact list of tens of thousands of manufacturers, vendors and customers.

Software:

Microsoft Visual Studio 2005, SQL Server 2005

Projects/Tasks:

- In 2007, after reviewing the old application with management, sales, purchasing and accounting staff, redeveloped it using Visual Studio 2005, VB.NET, and SQL Server 2005.
- Application interfaces with the accounting system, also stored in SQL Server 2005.

Certification

Microsoft Certified Solution Developer (MCSD)

Microsoft VB.NET (Web and Windows); SQL Server 2000 Enterprise Design and Implementation; Analyzing Requirements and Defining Microsoft .NET Solutions

Software

Web Applications Development:

Primarily using the Microsoft family of products. ASP.NET using Visual Studio (2008/05/03), VB.NET, SQL Server (2008/05 & 2000), HTML, CSS, JavaScript, AJAX, XML and Web Services.

Windows Applications Development:

Microsoft Visual Studio 2008/05, VB.NET, and SQL Server 2008/05. Before this, many applications were developed using Microsoft Visual FoxPro.

SQL Server Programming:

Creating stored procedures, functions and .NET CLR functions for transactions, queries and reporting. All reports developed using Microsoft's report writer in Visual Studio, often deployed in an intranet environment using Reporting Services. Also worked on data warehouse and setting up Analysis Server cubes.

Award

Citation for Outstanding Performance.

One of two OFC state employees (out of 350) to receive this award.

Education

Master of Business Administration.

University of Massachusetts, Boston, MA.
Concentrations: Management Information Systems and Accounting/Finance.

Master of Social Work.

Boston College, Chestnut Hill, MA.
Major: Community Organization and Social Planning.

Bachelor of Science.

Boston State College, Boston, MA. Public Service/Law Enforcement.

Earlier Experience

7/90- 7/91

Manager, Coopers & Lybrand, Boston, MA.

Technical leader in a group that specialized in developing personal computer/local area network database applications for clients; and creating portable applications and ad hoc database reports for auditors. Also responsible for small project management, service development and marketing.

From 1988-91, provided significant database and application support to help banks track deteriorating commercial real estate portfolios; assist auditors in reconciling an accounting system with securities in the vault; develop financial models for executives making bank acquisition decisions; help auditors collect and analyze data during the failure of Rhode Island credit unions.

Supervisor, Coopers & Lybrand, Boston, MA.

1/90-6/90

Technical supervisor and senior developer for database applications group above.

Senior, Coopers & Lybrand, Boston, MA.

6/88-12/89

Analyst/programmer in same group.

**Manager of Systems,
Commonwealth of Massachusetts,
Office for Children (OFC), Boston, MA.**

6/86-6/88

Overall responsibility for agency's use of computers, planning, procurements, systems development, operations, and user training. Led agency's information technology growth from 12 to 70 personal computers/terminals. Selected and implemented a DEC Microvax local area network. Supervised two professional staff and two support staff.

**Analyst/Programmer,
Commonwealth of Massachusetts,
Office for Children, Boston, MA.**

3/85-5/86

In same systems group.

**Community Organizer,
Commonwealth of Massachusetts,
Office for Children, Wakefield, MA.**

6/82-2/85

Responsibilities included needs analysis of catchment area, proposal review, and volunteer recruitment and training.

d/b/a Projects since 1991

In the projects listed below, except where noted, I was the sole developer responsible for requirements analysis, design, development, data conversion, testing, installation, documentation and ongoing technical support and maintenance. List highlights my role addressing diverse business problems with a variety of technical solutions.

Boutique Information Systems Development Group

Applications: Periodically assist this group in a variety of projects consisting mainly of VB.NET Web development using their in-house framework, SQL Server programming and creating SQL Server reports.

Software: VS 2008/05, ASP.NET, VB.NET, HTML, JavaScript, CSS, AJAX, SQL Server 2008/05

September 2006 to Present

In recent years, created and maintained Web applications for major provider of health care and a national provider of child care. Other notable tasks included developing SQL Server Analysis Services cubes, data warehouse programming, and working on EDI for two manufacturing companies.

National Provider of Child Care

Application: Site provides ability to schedule childcare across the country.

Software: ASP.NET, HTML, JavaScript, CSS, XML, Web Services, SQL Server 2005
2006

For group above, created version 2.0 of Web application used by customers to book childcare across the country. Implemented a host of new features and changes per list of requirements, and, subsequently, provided maintenance. Also, created a Web Service application to facilitate exchange of data between two business entities involved in this application.

International Broker of Electronics

Application: Facilitates the purchase and sale of electronic components.

Software: Microsoft Visual Studio 2005, SQL Server 2005
2007 to Present

Company is an international broker of semiconductors and other electronics. First retained in 1992 to convert their Paradox database application to FoxPro for DOS. Since then added many features and rewrote it using Visual FoxPro in 1996.

In 2007, after reviewing the old application with management, sales, purchasing and accounting staff, redeveloped it using VB.NET 2.0 and SQL Server 2005.

The international sales force uses the application 24/7 while brokering deals on the phone. It supports the sales process by collecting information on customer requirements and vendor availabilities, and accesses the accounting system for available stock. Currently contains inventory of millions of parts for sale as well as a contact list of tens of thousands of manufacturers, vendors and customers.

Manufacturer of Cymbals

Software: Microsoft Visual FoxPro
September 2003 to 2007

This renowned manufacturer of cymbals needed a FoxPro programmer to assume responsibility for maintaining a host of database applications, including enhancements to an accounting system written in FoxPro. These programs assisted many company functions, such as, order entry, electronic data interchange, shipping and management reporting.

New England Elderly Housing Association (NEEHA)

Application: Website supports information sharing among non-profit housing professionals.
Software: ASP, VBScript, Microsoft Access, ADO, HTML, JavaScript, CSS
2001

NEEHA is a non-profit organization for professionals involved in housing the elderly. Asked to build an information-sharing website. Along with typical brochure pieces, site allows members to post various notices (job openings, events, and bulletin board items) and access its membership contact database. Certain menu options are available to the public, membership, and/or administrators.

Publisher of Books (Automotive Industry)

Application: Access control for business-to-business sites.
Software: SQL Server 2000, ASP, VBScript, ADO, JavaScript, HTML, AuthentiX
Server: Windows
September 2000 to June 2001

Developed a Web authentication and administration system for many business-to-business sites. AuthentiX, an add-on component to IIS, was used for authentication services to bypass a need for NT user accounts. In the authentication system, each user had only one account (user id and password) with access to one or more sites for simplified administration. There were more than two thousand users. The project also involved porting websites and FTP access from Windows NT server to Windows 2000 Advanced Server with Active Directory.

Internet Company

Software: Visual FoxPro
April 1999 to November 2000

With its presence on the Web, company provided a free change of address (COA) service. A mover only had to submit the names of magazine subscriptions, alumni associations, etc., and the company, using its extensive contact database, would notify these entities about an individual's change of address. Some insurance firms contracted with them to offer COA to their customers, thereby helping to retain them when they moved. Website also allowed users to order new magazine subscriptions and renew old ones.

My assignments included enhancing the back office application to support the Web business: collaborate with the website consultants and develop a daily system for importing the Web data into the back office; and develop another application to support the magazine fulfillment process, i.e., electronically notifying fulfillment houses according to their varied requirements, e.g., email, fax, etc. and processing credit cards.

While there, the company was acquired by another internet firm.

Publisher of Books (Automotive Industry)**Application:** Customer Service**Software:** Visual FoxPro**1997 to 2006**

Company is mainly a publisher of automotive books for mechanics and enthusiasts. An automotive manufacturer contracted with company to develop and support an interactive repair manual for mechanics at dealerships. The dealerships received regular updates on CD and Web access to more current data. My role was to develop the Customer Service application. This system facilitated managing software subscriptions, shipping updates, providing technical support and reporting to management.

International Public Accounting Firm**Software:** FoxPro for Windows and Visual FoxPro**June 1995 to December 1996**

During this period, the CPA firm retained me for two projects. The first was for a mutual fund trust company. Per their specifications, developed reports calculating internal rates of return using imported data.

In the second project, developed a lengthy annual survey application to be distributed by an investment company association to its membership. At this time, Visual FoxPro with its class and inheritance capabilities was ideal since many question types were very similar.

Publisher of Books (Automotive Industry)**Application:** Management Reporting, Contact Manager**Software:** FoxPro for DOS, FoxPro for Windows, Visual FoxPro**Server:** Novell**Desktop:** Windows and MAC**1993 to Present** (Windows only)

Working with the president, developed a management reporting system. This system augments the order entry system: tracks book projects from inception to printing; facilitates the development of sales projections; and routinely downloads sales from the order entry system to compare to projections. The contact manager, among other things, aids in the process of sending product announcements to customers.

Teaching Hospital in Boston**Department of Medicine****Applications:** Reporting on salaries and funding sources; lists of staff and alumni; and manage/facilitate the internship application process**Software:** FoxPro for DOS, FoxPro for Windows, Visual FoxPro**1992 to 2001**

Developed several applications at the request of various administrators. The salary application imported mainframe data, allowed the business manager to make various adjustments across funds, add clarifying information, and aided the creation of monthly reports in Microsoft Excel.

The staff application contained detailed information on the 1000+ physicians working in the Department of Medicine and was designed mainly to help produce various lists and statistics. The alumni application was similar to the staff application but geared toward announcing events at the hospital.

Teaching Hospital in Boston, continued

The internship program aided the application process and scheduling of interviews until replaced by a third party Web application.

Regional Cable Television Company

Application: Calculated sales commissions based on area penetration.

Software: Paradox (PC Database Application Software)

Summer/fall 1991

Staff entered data into this application on new and renewed household cable subscriptions. System calculated commissions using a scale based on area penetration. For instance, a sales person was compensated more for a new sale in an area with many customers, than a virgin territory with no one signed up for cable.

A few years later, this company was acquired by a larger cable company.