

# Joseph G. Wezensky

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## Senior Software Systems Developer

### SUMMARY

Senior software and systems developer with over 28 years of full SDLC experience implementing Desktop and Web-Based user applications as well as numerous back-end data integration and exchange solutions. An expert in the Microsoft software development ecosystem with expertise in both VB and C# languages and a strong emphasis on MS SQL Server back-end development, including schema design and extensive Transact-SQL programming. A strong, well-rounded developer with multiple talents related to IT as well as extensive background in Oil and Gas, Healthcare and Engineering industries. Excellent communication skills with the ability to be productive independently or as part of a team.

### SKILLS

- VB (All Versions)
- ASP.NET/MVC
- HTML/CSS
- Team Foundation
- Linux
- C# (All Versions)
- WCF
- Javascript
- Git
- Single-Page Applications
- SQL Server (All versions)
- Transact-SQL
- Typescript
- RESTful APIs
- Python
- ASP.NET (All versions)
- XML/XSLT
- JQuery
- WEB APIs
- C

### EXPERIENCE

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#### MedData

July 2011 – Present

The Woodlands, Texas

#### *Senior Developer*

Part of a team responsible for developing an in-house claim editing and management system based on C# in Visual Studio. Tasks included requirements gathering, design and finally implementation of several critical components with Entity Framework providing the data access layer and WCF was used to separate processing concerns. Extensive work was done in processing EDI files exchanged with hospitals and payers. Currently assisting in the development of a Single-Page Application using Aurelia and TypeScript.

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#### EFI Global

July 2010 – July 2011

Houston, Texas

#### *Contract Developer*

Responsible for building the complete Online Timesheet using ASP.NET MVC 4.0 technologies with jQuery for cross-browser support. Developed the entire backend SQL Server 2008 database and integration services to support the Timesheet and other company critical web applications. Provided bug fixes for existing web applications as well as general support for all deployed web based technologies.

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#### ADMINISTAFF

October 2005 – February 2010

Houston, Texas

#### *Business Application Developer*

Part of a team that provided development and support for the *Employee Service Center* website portal, a critical operations site built using ASP.NET with VB.NET as the server-side language. Successfully completed several major site deployments such as *Marketplace* and *On-line Benefits Enrollment* while also providing production support for existing modules. Back-end integration was predominantly implemented through Web Services which in turn used a strongly-typed dataset pattern for persistence and integration. Also took part in some department-level tasks, including prototyping two ETL processes using SQL Server Integration Services and Informatica.

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**HISCO**

June 2005 – October 2005

Houston, Texas

***Contract Programmer***

Completely developed and tested an internal vendor pricing application in ASP.NET utilizing data from a back-end SQL Server. Also completed a small, web-based sales performance application that required data collection from several sources.

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**ENERGY SOLUTIONS INTERNATIONAL, INC.**

January 2005 – June 2005

Houston, Texas

***Programmer***

Supported the implementation of a custom .NET application designed to perform liquid volumetric accounting for the pipeline industry. Performed the majority of the SQL Server development including Transact-SQL coding of triggers and stored procedures. Completed several utility applications using C# and VB.NET.

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**OMNICELL**

September 2004 – January 2005

The Woodlands, Texas

***Contract Programmer***

Provided programming, design and support services for a suite of pharmaceutical ASP.NET applications. Maintained current code base as well as developed and integrated new label building features. Technical support was also provided to field technicians during the installation and configuration process.

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**SHRADER ENGINEERING COMPANY**

February 2003 – September 2004

Houston, Texas

***Programmer & Consultant***

Provided programming and design support for a small engineering firm. Worked on the conversion of an existing MS Access application into a full ASP.NET application coded in VB.NET. Performed other SCADA engineering and RTU programming tasks.

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**EL PASO ENERGY**

September 1996 - December 2002

Hockley, Texas

***Contract Programmer & Consultant***

Provided programming and technical services to the SCADA software group charged with supporting El Paso's Eastern U.S. natural gas pipelines. This includes a Windows applications for analyzing Compressor Performance data and several client-server and web report systems based on SCADA data stored in MS SQL Server. I also participated in the Year 2000 compliance and review project with testing and documentation.

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**PENNZOIL**

February 1996 - September 1996

Houston, Texas

***Contract Programmer***

Developed batch invoice processing programs for managing car fleet information as well as building graphical interfaces for systems to edit the same data. Produced procedures and utilities to facility data conversion to multiple subscribers.

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**AIM MANAGEMENT, INC.**

June 1993 - January 1996

Houston, Texas

**System Analyst**

Responsible for the integration and development needs of the equity investment group of AIM Management. Participated in the development of a quick-response trading system used to facilitate the mission-critical information flow between fund managers and traders. Designed and developed numerous trading and down-stream utilities, often integrating with third-party systems.

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**HOWELL TRAINING COMPANY**

June 1991 - May 1993

Houston, Texas

**Software Engineer**

Designed, managed and implemented a complete, off-the-shelf database application called TRIM, a commercial, multi-user database application designed to track operator training in the petrochemical industry. Aided in the development of a hypertext based training tool.

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**SOFTWARE INTERFACES, INC.**

December 1989 - June 1991

Houston, Texas

**Software Engineer**

Participated in the development of SQL access tools for various relational databases running on the VAX/VMS platform. Worked on many team projects encompassing design, coding, testing, documentation and customer support. Developed a strong working knowledge of SQL querying and VAX development using the C language.

## INDEPENDENT WORK

- Provided Professional consulting services for Intranet Website development (Joomla) and Crystal Reports integration for a large medical practice. Also provided training and other technical support.
- Developed and deployed a small business network connectivity solution based on Linux. The product is a combination of hardware, software and services to provide in-house network functionality such as VPN, firewall, web and email services.
- Developed an entire SCADA software package to manage and control water distribution and collection systems for small municipalities. This was done using Visual Basic 3.0 against proprietary SCADA hardware and sold as a commercial product.
- Developed a customer/project management system in Microsoft Access for a small service and sales business.
- Currently developing a Home Server operating system based on LAMP with the primary interface being developed in the Django. The eventual goal of this open-source project is to build a robust community around a convenient, secure and easy to administer and use software stack.

## EDUCATION

**UNIVERSITY OF HOUSTON****Bachelor of Science****Computer Science - Mathematics Minor**

December 1989

Microsoft SQL Server User Conference - January 1992

Visual Basic Insiders Technical Summit Orlando - September 1994

Performance and Optimization Tuning of Microsoft SQL Server - April 1995

Microsoft Advanced C# Training - June 2008