GENE WALDVOGLE

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SOFTWARE

VISUAL STUDIO.NET	ASP.NET	C#.NET/VB.NET
SQL SERVER INTEGATION SERVICES	SQL SERVER REPORTING SERVICES	MS SQL SERVER
FRONTPAGE	EXPRESSION WEB	ORACLE PL/SQL

HARDWARE

IBM PC COMPATIBLE	MACINTOSH

EXPERIENCE

July 2006 to July 2019

5280 Solutions and Nelnet, Inc. (Stock symbol NNI)
VB.Net, C#.Net, and ASP.net on web and work station based applications for the student loan origination and servicing industry. Data architect for web based Service Oriented Architecture (SOA) applications, using SQL Server 2000 and 2005, Data Transformation Services (DTS), SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS), Erwin Data Modeler, and Red-gate software utilities. Implemented database schema source code tracking projects using Visual Studio 2005, 2008, and 2010 database projects; created processes within team to manage database changes. Work in agile development environment, collaborating with team members at remote locations. Frequently work from home via Virtual Private Network (VPN) to corporate network. Projects include numerous .Net applications, such as project Galaxy that provides front end UI to AS400 backend system; customer facing web sites such as project named LAF that uses SOA and Enterprise Service Bus to manage data access to SQL server and AS400 databases; a project that manages replication between Great Plains SQL server 2000 database and Oracle using variety of stored procedure and DTS packages to implement update strategy; a portfolio reconciliation automation project; a customer facing loan repayment project that included migrating data from 2 legacy applications to a new database schema along with new reporting and daily processing SSIS tasks; Online Asset Management System (OAMS) web based asset management system in vb.Net with SQL Server backend; Nelnet.com public web site; Nelnet.net

July 2004 to July 2006

Contract work on web based applications using ASP and ASP.Net with SQL Server and Oracle database back ends. Specific applications include customized front end to PeopleSoft based vertical applications and using XML to enable users to create complex report filters. Used SQL Server Reporting Services to provide highly customized reports in a real time system to maintain and deliver contracts in a secure environment. Lockheed Martin, United Car Care Inc., Apogee Consulting, my own sole proprietorship.

November 1998 to July 2004

Specialized in developing billing and statistical data analysis applications using SQL database access in a wide variety of server environments. Extensive experience in software design and development; participated in all phases of the software development life cycle, including requirements definition, data modeling, physical design, implementation, and testing.

As a full time employee of ICG Communications, Inc., responsible for revisions and enhancements to code used for invoice production of dedicated, switched access, reciprocal compensation, and other telecommunication services and packages offered by the company. Primary responsibilities include analysis, design, specification, documentation, coding, unit testing, configuration management, and implementation of desktop and web based applications written in Oracle PL/SQL, ASP, ASP.Net, Visual Basic.Net, Visual FoxPro (32-bit Windows version 6.0), FoxPro (16-bit Windows version 2.6), Microsoft Access, and Visual Basic Version 6 to support monthly invoice generation. The invoice production systems integrate with Unix based systems written in C/C++, web based GUI front-end applications, Oracle Financials, and other applications. The Unix systems filter raw switched usage information which appear on invoices in a monthly summary format. Other applications provide circuit provisioning and order status information. Web based GUI front-end applications provide customers with the ability to maintain system tables and generate monthly invoices. The Oracle Financials provide payment information that also appear

on the invoices. Acrobat PDF format files provide customer service representatives with the ability to view customer invoices online as soon as they are approved by the financial group, and the applications interface with Oracle to update the financials with new billing information. Other duties include reverse engineering complex MS Access and Excel programs and macros to aid in redesign and migration of systems into more robust and maintainable environments.
ENVIRONMENT: ORACLE, WINDOWS, FOXPRO, VISUAL BASIC, UNIX

1997 to Present

As Webmaster for the Colorado Handball Association, responsible for the design and implementation of a web site for a not-for-profit Colorado based athletic association. The web site features detailed information about the association membership and their activities. Many pages are updated automatically from information maintained in a database that tracks member performance in tournaments and leagues. The site is hosted by a commercial ISP, and is authored using a combination of ASP coded pages, Macromedia Dream Weaver, and FrontPage 2003.

December 1993 to November 1998

While a Product Manager for RE/MAX International, Inc., responsible for the original design, coding, and implementation of an Associate and Office Directory CD ("Roster"), and subsequent conversion of the "RE/MAX Roster 2000 CD" associate and office directory product from the FoxPro (16-bit Windows version 2.6) environment to a 32-bit application in Visual FoxPro version 5.0. Responsibilities included database analysis/design, programming/optimization implementation, and production of a CD pre-master image for the final product. This CD product was a highly visible marketing tool used by over 6,500 offices and associates that was updated quarterly with new data as well as new features in the program. The data was refreshed from AS400 master files, and synchronized with the public WWW.REMAX.COM site automatically each month, but published via CD for marketing use only quarterly.
ENVIRONMENT: FOXPRO, VISUAL FOXPRO, WINDOWS, AS400.

As a Programmer Analyst for an international real estate corporation, responsible for programming various components of Office, Regional, and International Level accounting systems, including cyclic billing, statements, and statistical reporting. The roster system developed has the capability to retrieve information regarding all of the agents associated with the corporation, which enabled report generation, and also required much user interaction. Additionally, provided technical assistance in documentation to the corporate user training department. A major responsibility was for the CD-ROM programming and production of "REMAX 2000 Associate Roster" in the MS-Windows environment which is distributed to 2000 offices and 4500 associates.
ENVIRONMENT: FOXPRO, CD-ROM, DOS, WINDOWS 3.1, IBM PC COMPATIBLES.

May 1990 to December 1993

As a Systems Analyst / Sales Support Engineer for Harris / Lanier Corporation, provided application analysis and system sales support for six vertical market sales representative in the Legal, Hospital, Government, and Major Accounts markets. Responsible for assisting in the preparation and presentation of demonstrations and proposals for Local Area Network and stand-alone micro-computer projects. For this position, used XENIX and MS-DOS operating systems in the LAN server to integrate various third party software packages for a given customer application.

Extensive experience in Technical Writing includes a System Administration guide for US West Communications C-Link System, User Guides for AT&T Custom Software for Continental Airlines - Airline Reservation Agents Software, custom software program documentation, commercial software instructor and user guides for AT&T's Training Center for Software Maintenance System, Harvard Graphics, Sears Business Systems - FOXPRO and DBASE systems.

In addition to writing courseware, conducted over 100 training classes for all levels of users on various MS-DOS programs, including FOXPRO, PARADOX, DBASE, LOTUS, and SYMPHONY.