

## Skill Summary

Language and Database	Technology	Skills
Visual Studio	.NET Framework	Application Architecture & Design
Visual Studio.NET	ADO	Data Modeling
Visual Basic	ADO.NET	Microsoft Office Integration
Visual Basic.NET	ASP.NET	Object-Oriented Modeling
C#	CSS	Project Management
C/C++	HTML/XHTML	Smart-Client Applications
Oracle & PL/SQL	Web Services & SOA	Web Site Design
SQL Server & T-SQL	Workflow	Windows GUI Development
	XML	

## Employment

### Covansys, formerly PDA – 1993 to Present

#### *Flood Insurance Automation – Senior Programmer*

For several nationwide insurance companies, as well as the Federal Emergency Management Agency, design and develop high-volume document generation support, custom workflow/imaging automation, web-based form and letter generation support and financial reporting functions. Application hosted by Covansys and accessed by over 20,000 users.

ADO.NET • ASP.NET • Data Modeling • Office Automation • Oracle • Query/Report Design • Visual Basic.NET • Web Services • Workflow • XML+XHTML

#### *Distributed Claims Workbench – Project Manager*

For a large multi-state property and casualty insurance company, designed and developed a distributed, smart-client claims automation solution. Managed a team of 12 developers and coordinated activities with client IT staff. Application successfully deployed to over 200 claims adjusters. Responsibilities included data modeling, user JAD sessions, system architecture, project time and cost estimates and overall project management.

The Windows-based application provided full life-cycle claim support. Featured distributed and disconnected laptop support with automatic data synchronization.

Data Distribution • Data Modeling • Messaging Services • Oracle • PL/SQL • Microsoft Project • S-Designer • Smart-client Architecture • Visual Basic 4 • Windows 95

#### *Daycare Automation – Project Manager*

For a nationwide daycare provider, designed and developed a Windows-based daycare center automation solution. Application successfully deployed to over 600 daycare centers. Managed a team of three developers. Application performed all administrative functions including enrollment, billing, accounting and reporting. System remotely administered through a private WAN.

Access • ADO • Data Import/Export • Report/Form Generators • Visual Basic 4 • Windows 95

#### *Insurance Agency Automation – Programmer*

For a Fortune 500 corporation, supported and enhanced a client-server based agency automation system. Designed and developed support for a disconnected laptop smart-client interface.

DB/2 • DB/400 • C • C++ • OS/2 • OS/400 • Presentation Manager

## **US Data Resource – 1999 to 2001 – Co-owner**

Designed and developed AppraiseAssist, a web-based data service for real estate appraisers. Data collected with a custom desktop application that integrated with all major appraisal software packages.

Day-to-day responsibilities included all software development and support, web site installation and support, preparation of marketing materials and all corporate communications.

Access • ASP • Delphi • Fireworks • FrontPage • IIS • SQL Server 7.0 • Visual Basic 6 • Windows 95/NT

## **IBM – 1985 to 1993 – Programmer**

### ***AS/400 Translator***

Designed and developed an automated test and validation suite for the new AS/400 Machine Interface, a compiler technology similar to the Microsoft .NET CLR. Developed support for legacy machine instruction support. Customer liaison for pre-release beta activities.

Compiler Design • Modula 2 • Prolog

### ***AS/400 Bring Up Support***

Diagnosed system failures and coordinated software updates. Supported domestic and international customers during initial release and system upgrades. Broad-based knowledge of operating system architecture required.

### ***AS/400 System/36 Environment***

Designed and developed enhanced display and communication device support. Maintained compatibility with legacy applications. Handled problem resolution with domestic and international clients.

AS/400 communication protocols • AS/400 workstation device support • PL/I

### ***AS/400 Service Processor***

Designed and developed hardware control panel support. Develop PC-based diagnostic terminal. Provided engineering support during hardware development.

Imbedded System Architecture • Motorola 68000 Assembler • PL/I

## **Technology**

### ***SixtyRing***

An SOA-based web application illustrating the Microsoft .NET Framework 2.0.

Available at [www.sixtyring.com](http://www.sixtyring.com).

.NET Framework 2.0 • ADO.NET • C# • Contract-based Interfaces • Generics • Service-Oriented Architecture • SQL Server 2005 • Visual Studio 2005 • XML Schema • XML Web Services

### ***Didgets***

A 2D drawing application illustrating the Microsoft .NET Framework 1.0.

Available at [www.sourceforge.net/projects/didgets](http://www.sourceforge.net/projects/didgets).

.NET Framework 1.0 • C# • GDI+ • Reflection • Visual Studio 2003

## **Education**

### ***Clarkson University, Potsdam, New York***

Bachelor of Science – Math and Computer Science