

Charles A Gallo

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SUMMARY

Software developer doing both Team lead and independent development with little or no supervision in the Financial, Banking, Media, Insurance and Electronics fields. Responsible for entire life cycle from gathering customer requirements, design and development to deployment maintenance and customer support.

- C# (C Sharp), VB.NET and VB Classic (all versions VB1- VB6)
- Object Oriented Design and Analysis (OOD /OOA)
- XML, HTML, CSS, XHTML
- Visual Studio 2008, 2010, .Net Framework 3.x and 4.0
- Bloomberg API
- Source Code Control (VSS, Subversion –SVN and Mercurial Hg)
- Database Design and Development (SQL Server 2008, 2005 and earlier)
- ASP.NET 3.5 and 4.0
- Business analysis and customer requirements gathering, for full SDLC
- Light TDD and Agile

PROFESSIONAL EXPERIENCE

First Empire Securities, Hauppauge, NY

2010-Present

Fixed Income Investments

DEVELOPER

- Lead conversion of company from SourceSafe to Mercurial
- Lead Friday afternoon seminars on programming
- Developed Intranet site for collection of outside banking and business reporting(asp.net 4.0)
- Code reviews and analysis to eliminate memory leaks and crashes in existing systems (.NET)
- *CUSIP Listener* – IP based module to get securities information from Bloomberg (VB.NET)
- *Propdesk Hedging Application* – Application to track P&L on fixed income hedges (VB.NET)
- *Trade Monitoring for Traders* – Work on application to allow Bond desk traders to offer and lift trades from various ECNs (VB.NET, MSMQ, Uni and Multicast IP, Crystal Reports)
- Work on various classes/subsystems on Broker and Trader applications (VB6, .NET, Crystal Reports)

ABC Television, New York, NY

1998-2010

Television Network

SR DEVELOPER

System Architect/Developer for MARS, a large Media Archive and Retrieval System, which tracks over 4 million video tapes and stores 60-90 days of streaming 'proxy' video. This system contained multiple applications

- Developed Object Oriented Design, Originally in VB6, later applications in the system in .NET (VB.NET)
- Developed database design including stored procedures, triggers, database structure and physical partitioning in SQL Server (originally in SQL Server 7, ported to SQL Server 2005, and 2008)
- Ported various scheduling subsystems to C#

Election/Vote System – A suite of applications to ingest proprietary data feeds from the Associated Press, and make the data available to the analysts that 'Call' the elections

- Designed, developed and tested VB.Net based data ingest application for 9 separate data feeds for storage in SQL Server. This application is entirely driven out of configuration files to allow for year to year changes without software modification

- System not allowed greater than 30 seconds backlog on election night at any time
- Assisted in analysis of data quality
- Maintained client application in VB6, and started on port to .NET (parts VB, parts C#)

ABC Newsroom Systems – A suite of applications to ingest news wires from The Associated Press, Reuters and other sources (23 in total), place them on the reporters desktops, and allow them to write their stories.

Applications included:

- The Backtimer application to interface with Avid's iNews system to run in real time, written in VB.NET. This application allows shows such as Good Morning America to track the time used and remaining on their show to allow them to properly make commercial breaks, and the end of the show. Part of this system required the development of various web services
- The Comparator: This application consists of a series of web services, plus DLL assemblies written in both C# and VB.NET, all tied together with a dispatcher application written in VB.NET, which stores data both in SQL Server and in the proprietary Avid iNews 'gNews' API

MicroModeling Associates Inc, New York, NY **1997-1998**
 SENIOR ANALYST
 Software Consulting (VB classic, SQL Server, MS Access)

Windgap Technology Group, Windgap, PA **1996-1997**
 DIRECTOR OF DEVELOPMENT
 Software Consulting (heavy banking/Credit Union experience)

Bankers Trust, New York, NY **1995-1996**
 ASSISTANT VICE PRESIDENT/SR DEVELOPER

American International Group(AIG). New York, NY. **1992-1995**
 BUSINESS SYSTEMS ANALYST/DEVELOPER (VB3 AND VB4)

Cagney Systems Inc. Bayside NY.. **1992-1993**
 PRESIDENT/OWNER – SOFTWARE CONSULTING

Astrosystems Inc. Lake Success, NY. **1983-1992**
 TEST SYSTEMS PROGRAMMER (QUICKBASIC, PDS, VB 1.0)

EDUCATION / TRAINING

Queens College of the City University of NY, Flushing, NY
 C Programming

Suburban Technical School, Hempstead, NY
 Digital Electronics

Queens College of the City University of NY, Flushing, NY
 Work towards a Computer Science degree including courses in Pascal, Lisp, and Assembler. Additional classes included calculus, biology and chemistry

ADDITIONAL RELEVANT INFORMATION

MCSO in VB6/Microsoft Access 97