

HOWARD BASH

►►► Software Engineer / Web Application Developer ◀◀◀

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**Systems Analysis / Design
Technical Documentation
Implementation / Deployment**

**Custom Application Development
Database Design / Integration
Project Management
C / C++ (Expert)**

**Visual Basic (Expert) / VBScript
.NET / Java / JavaScript /
XML/XSL**

Profile:

- ✓ **Summary:** VB3, VB4, VB5, VB6, Multithreading, VB.NET 2005, VB.NET 2008, Win Forms, Web Forms, Web Services (abstracted data layer connecting to Win Forms and Web Forms), ASP (classic), ASP.NET, AJAX, LINQ (Anonymous Delegates, Lambda Expressions, Extension Methods), VBA, C#, Microsoft Macro Assembler, ASP.NET, Classic ASP, HTML, DHTML, Golden Common Lisp, Prolog, MS SQL Server, Oracle, Sybase, MS DTS, Oracle (through 11), C/C++, XML/XSL, JavaScript, XML Spy, Erwin/Erx, Java, Java Applets, Java Servlets, COM, COM++, RDO, DAO, ADO, ADOEXT, Windows NT, Windows XP, IIS, Fire Fox, PVSC, Microsoft Source Safe, Relational Report Writer, Crystal Reports, Business Objects, Rational Rose UML, Nu Mega Soft Ice, Microsoft Visual Studio Team Development, Microsoft Tools for Office Development, Assembly Language, Microsoft Visio, Microsoft Project, Regular Expressions, My SQL, RT Link, CX2 Assembler, Z80 Assembler, 80x86 Assembler, Pascal, Bliss, developer with hardware developers building low level software for testing and controlling processors, bus manipulations, IRQ handlers, INT handlers, and pc bios rewrites.
- ✓ **Accomplished Senior Software Developer:** 29+ years of software engineering experience, including 10 years of custom application development for the Finance Industry (Nomura Securities International, Merrill Lynch, New York Life, etc.).
- ✓ **Highly Skilled Programmer:** Creates scalable and easily maintainable solutions. Proven excellence in coding and debugging. Able to write comprehensive proposals, specifications, and requirements documentation.
- ✓ **Hands-On Leader:** Experience defining requirements and managing total life cycle software-development projects. Builds effective, motivated, and efficient project teams. Mentors staff on latest development tools and technologies.
- ✓ **Highly Effective Communicator:** Quick problem solver, with an ability to interface and build rapport with clients/end-users, technical specialists, and management at any level. Understands how to read people.
- ✓ **Client-Focused:** Highly skilled communicator. Analyzes client requirements, and ascertains needs beyond the requests. Rapidly assimilates new technologies and methodologies to implement customized, state-of-the-art solutions.

Professional Experience:

NOMURA SECURITIES, INTERNATIONAL. 2009 **Microsoft Office 2007 Infrastructure Migration Manager**

- ✓ Scheduled and conducted sessions with 54 company shareholder of Nomura Americas business groups identifying software requiring test and potentially software updates (combination of new processes for Office document handling, porting and changing software object handling and making required component updates).
- ✓ Scheduled 81 meetings across Americas Enterprise with company shareholders for analysis of their areas of responsibility decomposing business units and capturing most major processes which leverage Microsoft Office document types.
- ✓ Using **Microsoft Office Migration Planning Manager (OMPM)** analyzed and documented all identifiable business process documents and associated software components (utilities, add-ins and critical internal and external code).
- ✓ Designed and built **Microsoft Office SharePoint Server 2007 (MOSS 2007) Server Farm** including administering for 2000 business employees with this pres-production SharePoint

- ✓ 2007 Portal. Included in the farm can be found SharePoint Server 2007, Excel Services, Index Services, two IIS Web Servers and an SQL 2005 Server for a total of a six machine server farm.
- ✓ Designed and build assort **LDAP and Active Directory** reporting mechanisms using Excel Automation for report presentation. One report was used to represent the current set of business policies for users with respect to rights granted to usage of Microsoft Office Communicator. Reports for group membership and company email retention policy resolution also implemented.

TIME WARNER CORP.....2007 – 2009

System Architect/Developer

- ✓ VB.NET designed a system which retrieves employee information from an Oracle HR database and sends the Human Resource Benefits data to these accounts at Fidelity. The project involved the design of several system .NET components integrated into a robust transactional management system.
- ✓ Authored suite of visual tools for reporting the various data transforms as well as viewing their transactional data using Excel Automation.
- ✓ Built Critical Utility for management functions on the HR data sent to Fidelity. A Windows Desktop data viewer that drills down across multiple forms/grid/views showing fixed data in a more human friendly readable form.
- ✓ Authored Oracle stored procedures for hr transaction processing in the benefits, tax and stock areas. Mostly used Embarcadero Rapid SQL.
- ✓ In VB.NET, authored code which conformed to COBOL Picture clause formatting including packing ascii data to EBCDIC and identifying the appropriate processing using regular expression pattern matching.
- ✓ Conversion of desktop data viewer to web control used on Benefits page part of Infragistics heavy Web project using ASP.NET for section of Corporate Benefits Intranet Portal handling domestic and international benefits for entire Time Warner employee (past and present) population

NOMURA SECURITIES, INTERNATIONAL.....2005 – 2007

System Architect /Senior Software Developer

- ✓ Writer of a suite of applications in Visual Basic to support the parsing into SQL Server database tables several applications along with triggers that initiate these parses, including Microsoft DTS to handle manipulation of some of the larger datasets. Implemented Watch Dog timers to provide early warning of potential production down scenarios.
- ✓ Built and modified applications, components, and packages providing range of Securities and Pricing data for daily Business Decisions using VB6, VBA, Excel
- ✓ Automation, DTS Automation, Updated middleware component to connect to latest Sybase ODBC driver, improved it's error handling and logging, and general stability.
- ✓ Designed DTS packages for daily data processing and analysis of result sets to correct data entry errors and perform rolling data function.
- ✓ Implemented streaming Reuters Streaming Market Data for Foreign Exchange rates using Reuters Development SDK. Rewrote an existing OCX for capturing this data in extremely tight time frame which provided much greater flexibility for current and future applications.
- ✓ Business Analysis and remediation of existing Haircut applications for the Regulatory Group. Tasks including rewriting body of code and Report Specs for Business Objects and Crystal Report Design Teams.

**Professional
Experience
(continued):**

Professional
Experience
(continued):

I-DEAL LLC.....2004 – 2005

Senior Software Developer

- ✓ Built custom Web applications/components with C/C++, XML/XSL, C#, JavaScript and ASP for multi layered Municipal Bonds Auction Web Applications.
- ✓ Wrote complex stored procedures to calculate sales credits tying the results to a data layer component written in C/C++ using the SQL data as XML strings for subsequent rendering via XSL and JavaScript.

HARTZ MOUNTAIN INDUSTRIES2002 – 2004

System Architect/Developer

Support the Trading Department and Real Estate Company. Configure all financial software and install PC/network systems. Collaborated with trading and analytics leadership to develop software requirements

- ✓ Built custom applications to facilitate monitoring business strategies and accessing the Bloomberg API for real-time and historical information retrieval and analysis. (Utilized Excel VBA, SQL Server, VB, VB.NET, ADO, and ADO.NET).
- ✓ Developed a database to catalogue and monitor e-mail messages (with attachments). Designed and built SQL Server data repository for an E-mail Mining Project using the Outlook Object Model, VB, and VB.Net.

MERRILL LYNCH2001 – 2002

Technical Project Manager

- ✓ Led a team of Visual Basic programmers. Identified requirements for and delivered a database architecture to handle numerous combinations of valid reports with differing user-specific parameters
- ✓ Utilized VB, XML/XSL, and SQL Server for metadata, and delivered a Crystal Enterprise Web-based reporting solution.

ZURICH SCUDDER KEMPER2000 – 2001

Senior Software Consultant

- ✓ Interviewed high-level brokerage personnel to identify requirements for a Global Voter Administration tool.
- ✓ Wrote an MS Access application to connect with Sybase SQL.
- ✓ Redesigned Sybase voting schema and wrote numerous stored procedures, eliminating many tables and boosting overall system performance.

NEW YORK LIFE, INC.1996 – 2000

Senior Software Engineer

- ✓ Coded and debugged a large suite of financial products used for displaying and reporting (VB, C/C++, and COM). Wrote several Web applications in HTML, XML, Scripting, and Java.
- ✓ Built several proof-of-concept development projects using Java applets and servlets sending streaming legacy data back to a browser incorporating Java servlet-to-applet communication to supply data.

ROBBINS FLEISIG FORWARDING, INC.1994 – 1996

Senior Software Engineer

- ✓ Specified and implemented technology solutions for multi-network system. Setup and configured a Windows NT Server primary domain, and migrated a large user community from DOS to Windows.

- ✓ Wrote numerous stored procedures in MS SQL, and built WATCOM SQL version of system for offline model.

DIGITAL EQUIPMENT CORPORATION.....1993 – 1994

Multimedia Engineer

- ✓ Developed and coded a multimedia game used in the exhibition of a color Postscript printer.
- ✓ Coded C programming of kinematics functions and graphics, designed and implemented Serial Messaging, and wrote Interface for postscript image capture and game-score printer server.

DSSI Software Engineer..... 1992 – 1993

Software Engineer

EDO CORPORATION.....1987 – 1992

Computer Engineer

CASSON INSURANCE COMPANY1989 – 1991

Software Engineer (part-time)

ITT AVIONICS.....1984 – 1987

Software Design Engineer

- ✓ Developed and implemented signal processing algorithms for radar systems. Coded improvements in signal acquisition by approximately 200%.

NORDEN SYSTEMS.....1980 – 1984

System Analyst

BRIDGEPORT ENGINEERING.....1980 – 1990

Faculty Member – Computer Science Department

- ✓ Planned and taught several semesters of undergraduate Computer Science.

Languages: Visual C/C++, C#, Java, Visual Basic 3.0-6.0 Enterprise, VB.NET, ADO, ADO.NET, ASP.NET, VSTO

Databases: MS SQL Server, Data Transformation Services, Sybase SQL Server, Oracle Server

Web: XML/XSL/XPATH (using MSXML), ASP, Java, Assorted Scripting, HTML

CCNY– SCHOOL OF ENGINEERING
BS Degree – Computer Science (1980)