

James M. Curran

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Summary:

Experienced developer with familiarity in front end, back end and middle tier design for desktop and web applications, with special skill in writing and refactoring code for greater efficiency and maintainability.

Education

1993	MA	Montclair State University	Computer Science
1984	BS	Montclair State College	Computer Science (minor in Math)

Technical Skill Set:

- **Languages & Technologies:** C#, C++, C, Javascript, jQuery, KnockoutJs, HTML, XML, XPath, XSL, RSS, .NET Generics, C++ Templates, .NET Extension methods, Regex, LINQ, XLINQ, DLINQ, Sockets, Multi-Threading, Custom web controls, COM, COM Interop, COM+, Castle Monorail, Castle Windsor Inversion of Control, Model-View-Presenter, STL,
- **Platforms:** .NET Framework, v4.0, v3.5, v2.0, v1.1, ASP.NET MVC & WebForms, WinForms, Classic ASP, WIN32, MFC.
- **Databases:** MS SQL Server 2008-2000, T-SQL, Oracle, PL/SQL, MSAccess, Sybase, Watcom, ADO.NET, ADO, ODBC, OLEDB.
- **Tools:** Visual Studio.Net 2002-2012, TeamCity, Visual SourceSafe, CVS, Subversion, GIT, CruiseControl.Net, nAnt, nUnit, MbUnit, PowerShell, MyGeneration, CodeSmith, SQL Management Studio, Oracle Sql Developer,

Recent Work Experience (Long Term Projects)

AFS Technologies (January 2013-present)

19 W. 44th St
New York, NY

- Maintained and added new features to AFS's line of handheld Direct Store Delivery Management Windows CE devices.
- Led project converting existing VisualBasic.Net code base into C#.
- Designed JavaScript/Angular Sales management app for iPad
- Maintained ASP.NET Webform management tool.
- Mentored remote team on creation of ASP.NET MVC tool

NJTheater.Com (1997-present)

Owner/Director/Webmaster

- Design, implementation, and maintenance of a website for the promotion of theater companies in New Jersey.
- Implemented a full three-tiered systems, offering information including the titles, descriptions, playwrights, performance dates, theater locations, casts and actor biographies of stage production in NJ, originally using a Microsoft SQL Server database, IIS, Classic ASP, server-side VBScript.
- Designing & implementing conversion to ASP.NET / C# implementing the Model-View-Controller and Inversion of Control patterns using Castle Monorail.
- Presently converting it once again using ASP.NET MVC, and jQuery/KnockoutJS

- This website, which I run in my spare time as a hobby, allows me to experiment with new technologies.

Skills: .Net (v1.1, v2.0, v3.5), C#, Generics, WebForms, ASP.NET MVC, XML, XPath, XSL, Custom WebControls, MS Sql Server, T-SQL, Monorail, Windsor IoC, LINQ2Sql. MVP, ASP.NET MVC, jQuery, Knockout

McKinsey Solutions (October 2011-October 2012)

Jersey City, NJ

- One-year contract to design and build modules for client and server sides of a Silverlight-based web application for the global management consulting firm, integrating Silverlight/XAML, a Star-Schema database, and the firm's internal framework, bring the firm's industry knowledge to a retail product.
- Contracted thru Tallan LLC.

Skills: Silverlight, SQL Server, ASP.NET, C#, Git, TFS, BizTalk, LINQ, Multi-Threading, WCF, C# Generics, C# Extension methods, Visual Studio

Connectivity Data Systems (December 2010-Sept 2011) (now known as Relationship Sciences)

New York, NY 10005

- A full-time position at a start-up (still in Stealth mode)
- Designed and implemented enterprise wide data access layer
- Direct involvement with WinForms, Web Services, Console application, MS SQL
- Refactored existing code libraries for performance optimization.

Skills: ASP.NET MVC, LINQ, XLINQ, XML, WinForms, Multi-Threading, Custom Serialization, WCF, C# Generics, C# Extension methods, Visual Studio, SubVersion, Ankh, Web Services, AJAX/jQuery

Thomson-Reuters (June 2009 – June 2010)

3 Times Square

New York, NY 10036

- An open-ended contract position building a multi-platform bond trading application to bring together real-time bond information from many different sources to provide the best-informed trading environment.
- Direct involvement with WinForms, WebForms, Web Services, Console application, Windows Services.
- Refactored existing code libraries for performance optimization.
- Contracted through CompuPros

Skills: WinForms, WebForms/ASP.NET, LINQ, XLINQ, XML, HTML, Multi-Threading, Custom Threadpool, Named Pipes, Custom Serialization, WCF, C# Generics, C# Extension methods, Visual Studio, Visual SourceSafe, SubVersion, Ankh.

Barnesandnoble.com LLC (March 2008 – March 2009)

111 8th Ave

New York, NY 10011

Senior C# Developer

- Designed and coded services for website's new "My B&N.com" feature.
- Designed API and implemented user list management services (for Wishlist, Books Read list etc)
- Skills: C#, ADO.NET, Oracle, XLINQ, XML, C# Generics, C# Extension methods, XPath, Sockets, Subversion, CruiseControl.Net, nAnt, Visual Studio.Net 2008,.Net 3.5

FirstPaper, LLC (April 2007-Feb 2008) (now known as Skiff, LLC)

- Contract position for an e-reading and advertising start-up company funded by Hearst Interactive Media.

- Wrote background Windows services to read RSS feeds, sanitize data, store and repackage articles.

Skills: LINQ, XLINQ, DLINQ, SQL Server, RSS, XML, HTML, Remoting, Regex, C# Generics, C# Extension methods, COM Interop, XPath, Sockets, Subversion, CruiseControl.Net, nAnt, Visual Studio.Net 2008, PowerShell, .Net 3.5, WCF

Raritan Computers (Sept 2006 – April 2007)

300 Cottontail Lane
Somerset, NJ 08873

C++ Consultant

- A 6 month contract to maintain their C++/MFC application which interfaces with the company's line of remote access Enterprise KVM over IP products.

Skills: C++, Visual Studio, Visual C++, MFC, Sockets, Threading, CVS, XML, XPath, COM

Partsearch Technologies (Nov 2003 – July 2006)

250 Park Ave South, 10th Flr.
New York, NY 10003

Senior Programmer/Analyst

- Designed and implemented a system for on-store & online e-commerce sales including multiple search paths and fraud detection, in ASP.NET/C# using MS SQL Server.
- Designed and implemented a system for creating invoices for retailers, in C#/WinForms.
- Maintained website for online e-commerce sales including fraud detection in ASP/VBScript.
- A lead designer/implementer of a complete rewrite of the system to prepare for large-scale growth in the coming years, including low-level data access, middle tier business logic, back end data processing and user-facing website.
- Wrote code generation templates to handle create to data-access layer and UI layer.
- Spearheaded project to transform internal design documents from flat text to XML, for more efficient and robust usage for code generation, error checking, and documentation.

Skills: .Net (v1.1), C#, WinForms, WebForms, ASP.NET, XML, XPath, XSL, Custom WebControls, MS Sql Server, T-SQL, MyGeneration

Short Term Projects

New York Sports Club (November-December 2012)

- On team that designed and build a BizTalk application interacting with a REST webservice to handle membership management for a national health club chain. (Added to a team that was behind schedule. Given one day to learn sufficient BizTalk skills. Worked entirely remotely. Project met deadline.)
- Contracted thru Tallan LLC.

Vi-Tech (September-October 2011)

401 Park Avenue South
New York, NY

- Starting as a two-day assignment to make finishing touches to the HTML & CSS of a Classic ASP website for an upcoming conference. Grew in four-week project, to re-write most of it.
- Contracted through Robert Half

CitiGroup (June 2010 – December 2010)

111 Wall St

New York, NY 10005

- A six-month contract position building a multi-platform bond trading application to bring together real-time bond information from many different sources to provide the best-informed trading environment.
- Direct involvement with Sockets, SSL, Network Proxies.
- Contracted through Xoriant

Presentations

- “*NET Generics without Collections*” NJ CodeCamp 3, 18 Nov 2006, Microsoft, 194 Wood Avenue South, Iselin, NJ 08830
- “*Castle Monorail MVP Framework*” NYC .Net Developers Group, 17 July 2008, Microsoft, 1290 Avenue of the Americas, NYC (10 minutes Version)
- “*Castle Monorail MVP Framework*” NYC ALT.Net Developers Group, 26 Mar 2010, Microsoft, 1290 Avenue of the Americas, NYC (One Hour Version) (Available at Vimeo.com)

Open-Source Projects (as Creator)

- JavascriptLoader - <http://javascripthelper.codeplex.com/>
 - JavascriptLoader is a ASP.NET MVC component which allows you to specify that a Javascript file is needed, wherever you need it (view, partial views, layouts, helpers etc.) and the helper will collection them all up, plus all their dependencies – in the right order-- and insert all the <script> tags in one spot --- and at the same time, do the same thing for the CSS files those JS scripts need.
- Snitz Membership Provider - <http://snitzmember.codeplex.com/>
 - ASP.NET 2.0 Membership and Role Providers which use a Snitz Forums (<http://www.snitz.com/>) database as the backing store. This allows a website currently using Snitz forums, to leverage the existing membership database when added new features to the website.
- State Theater Website - <http://statetheater.codeplex.com/>
 - Building a website designed to provide information about live theater throughout a state. Basically, it a port of NJTheater.com from classic ASP to Asp.Net MVC making it customizable to any state along the way.
- Uptime - <http://uptime.codeplex.com/>
 - A simple application C++/MFC which sits in the Taskbar notification area, and tells how many days since the last restart.
- Shakespeare Compiler- <https://github.com/jamescurran/ShakespeareCompiler>
 - Several compilers (producing C code, C# code, and MSIL) for the exotic (and silly) Shakespeare Programming Language

(as Contributor)

- *Castle Monorail* <https://github.com/castleprojectcontrib/Castle.MonoRail.ViewComponents>
- *Definitely Typed* <https://github.com/borisyankov/DefinitelyTyped>
- *Argotic Syndication Framework* <https://argotic.codeplex.com/>
- *.NET Extensions Methods Library* <https://dnpeextensions.codeplex.com/>
- *Chocolatey-Explorer* <https://github.com/chrissie1/chocolatey-Explorer>

Publications

- *Using a Second Model object in an ASP.NET MVC View.* HonestIllusion.com Nov 2013, <http://honestillusion.com/2013/11/11/Using-a-second-model-object-in-an-aspnet-mvc-view>
Spotlighted on the home page of www.ASP.NET in January and February 2014
- *"Writing Text to a Printer with LPrintWriter"* CodeProject.com June 2006
<http://www.codeproject.com/useritems/LPrintWriter.asp>

- "Locate SQL Server instances on the local network", CodeProject.com Nov 2005
http://www.codeproject.com/cs/database/locate_sql_servers.asp
- "Access Raw Data with Performance Counters in Visual C++"
DevX.com, C++ Zone feature for Aug 2002
<http://www.devx.com/cplus/article/7951>
- "Implement A Circular Iterator", Visual C++ Developers Journal, June 2000, pg. 64
- "A Class For Reading Version Information" Windows Developers' Journal, July 1999
- "A Word Iterator" The C/C++ User's Journal, Aug 1998, Pg 82. This was cited as the primary source for the article "A Generic Iterator for Strings" by David Lorde, in The C/C++ User's Journal, Apr 1999, pg 65.
- "A Dialog Units Conversion Class" Windows Developers' Journal, Feb 1998, pg. 51 (It was featured on the cover)
- Several technical articles in the "Clipper Club Newsletter" (also Technical Editor)
- "Variable Dump" CLOAD, January 1982
- "Simplified Base Conversion" BYTE, November 1980

Concurrent Positions:

- 2005 – Present: Member, Board of Directors, [12 Miles West Theatre Company](#), Rutherford, NJ
- 2013 – Present: Member, Board of Directors, [Immediate Life, Inc](#), NYC
- 1989 – Present: Shareware Programmer - Wrote several varied MS-Windows Programs which include
 - MrMind & Lucas's Puzzle - Under contract for retail distribution by WinSoft, Inc.
 - IconDLL - Recommended in PC Magazine (Dec. 90).
 - Galloping Horse - Include with the book "Windows Magic Tricks" by Judd Robbins, (Sybex, 1992).
 - WavConv - now under contract for bundling with several retail hardware & software products.
 - FolderSize - a Windows 95 shell extension for Explorer.
 - FontPicker - A programmer's tool, to generate the code needed to define a font in a Windows program. Several of those were solicited by Brian Livingston & David Straub for their book "Windows 95 Secrets"

Awards received

Presented by Microsoft with their *Most Valuable Professional* award for technical contributions on their Internet newsgroup support forums, predominantly for giving expert answers to questions on C and C++ programming techniques. There are only about 150 Developer MVPs total in the world-wide program and only about 13 for C and C++. I have been recognized with the award every year 1994-2004.

Past Work Experience

Aurora Software, Inc. (May 2002 – Nov 2003)

2 Rector St
New York, NY 10006

Senior Programmer/Analyst

- Maintain a suite of trading solutions for multiple fixed-income trading desks, using Visual C++, MFC, STL, Rogue Wave, SQL Server, Sybase, ODBC, and ActiveX/COM.
- Refactored large amounts of redundant code for more compact, efficient and maintainable design.
- Added UI features for a better user experience.

Skills: Visual C++, MFC, STL, Rogue Wave, SQL Server, Sybase, ODBC, ActiveX/COM

e-Commerce Solutions, (Aug 1999 -- Nov 2001)

2187 Atlantic Avenue
Stamford, CT 06902

Senior Programmer/Analyst

- Designed and maintained several systems for integrating and managing a B2B online retail solutions for portals and destination sites.
- Used http cookies to track users through portal to any of over a hundred merchant sites, recording information in a database (SQL Server and Oracle).
- Wrote process to schedule, select, cache and display rotating ads on web pages.
- Designed a multithreaded system to handle an asynchronous write-behind cache for database updates.

- Wrote ISAPI filters using Visual C++, MFC, STL, IIS, ASP, ATL, VBScript, JavaScript, SQL Server and Oracle.

Memorial Sloan-Kettering Cancer Center, (Aug 1996 – Aug 1999)

633 3rd Ave.
New York, NY 10017

Programmer/Analyst, Senior

- Designed and maintained several systems for accessing the hospital's FileNet optical document storage system, in C++ for Windows 3.1 & Windows 95.
- Using Microsoft Visual C++ and Oracle 7 SQL Server, integrating MSWord as the editor using OLE.
- Designed and maintained intranet application used to investigate and diagnose production problems, using IIS4, ASP, ADO, ODBC, VC++, ATL, COM, Oracle, server-side VBScript and client-side JavaScript.

CCH International, (Feb 1996 – Aug 1996)

30 Commerce Rd
Cedar Grove, NJ 07009

Senior Programmer/Analyst

- Designed and programmed projects in HTML and C++ for the company's intranet, using the ISAPI interface of Microsoft's Internet Information Server for Windows NT.

Dendrite, International, (Nov 1992 – Feb 1996)

1200 Mount Kemble Avenue
Morristown, NJ 07960

Senior Programmer/Analyst

- Designed and maintained an MS Windows based territorial management program for the pharmaceutical industry, in C/SDK and PowerBuilder. It records drug sales reps daily calls in an SQL database on a laptop, then dials into a host computer to upload those & download others' updates.
- Involved in research projects concerning converting the project to C++/MFC, and converting the host system from UNIX to Windows NT on a DEC Alpha.
- Maintained code which had to be compatible among DOS, Windows & UNIX.

Insurance Services Office, (Apr 1991 – Nov 1992)

2 Blue Hill Plaza
Pearl River, NY 10960

Programmer/Analyst

- Designing and Coding PC projects in C for DOS using C-Scape & B-Tree.

Ticketron, LP, (Jan 1985 – Apr 1991)

411 Hackensack Avenue
Hackensack, NJ 07601

Senior Programmer

- Responsible for design and maintenance for on-line, real- time terminal systems, in PC-based system, and in Z-8000- based imbedded systems, working in several different Assemblers and 'C'.
- Also involved in development of database management system, in Clipper.

Further Information

You can see examples of my work in Java, JavaScript, C++, HTML, and Silverlight plus some of my technical writing on my personal homepage. URL: <http://www.NovelTheory.com>. My recent technical writing are on my blog URL: <http://www.HonestIllusion.com>

The latest version of this resume is always available at
<http://www.NovelTheory.com/Resume>