

Nathanial Woolls

Husband, Father, Software Developer
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I've been developing desktop software applications for Windows since 2000. The first professional development environment I cut my teeth on was Delphi 5, and I've been using Delphi since.

Beginning in 2002, I started specializing in developing web services, generally backed by a SQL Server database, along with desktop and web based web service clients. I began developing for ASP.NET in 2003, and began working with the rest of the .NET framework in earnest in 2007. In 2010 I started developing for multiple platforms including Mac OS X, iOS, and Windows Phone 7.

I thrive on critical thinking, being challenged by myself and others, learning and creating new things.

Experience

Automated Builds	Automated Testing	Database Administration	Digital Software Distribution
Help Authoring	Load Testing	Project Management	Server Administration
Software Architecture	Software Development	Technical Documentation	

Specializations

Platforms	Delphi VCL, The .NET Framework, WinForms, Cocoa, Cocoa Touch, Adobe Flex, Silverlight, ASP.NET, Windows Phone 7
Languages	Pascal (Delphi), C#, T-SQL, Objective-C, ActionScript, VBScript
IDE's	Delphi, Visual Studio, Xcode/Interface Builder, Flash Builder 4
Component Suites	DevExpress VCL Controls, RemObjects SDK for Delphi, RemObjects Data Abstract for Delphi, RemObjects Hydra, RemObjects SDK for .NET, DevExpress WinForms Controls, RemObjects SDK for Xcode, DevExpress Frameworks (XAF, XPO), RemObjects Data Abstract for .NET, RemObjects Data Abstract for Xcode
Databases	SQL Server, NexusDB, FoxPro, Paradox, Borland Database Engine (BDE), Firebird, SQL Azure
Source Control	Subversion, StarTeam, Visual SourceSafe
Testing & Release	Automated Build Studio, TestComplete, InstallShield, FinalBuilder, InnoSetup, Wise for Windows Installer, soapUI
Issue Management	JIRA, DotProject
Help Authoring	HelpNDoc, HelpScribble
Technologies	Web Services, SOAP, ISAPI, DTS/SSIS, XML, QuickBooks Integration - QBXML, REST, XSLT, SQL Server Reporting Services, SharePoint, XAML, WCF, Google Maps API

Employers

Director of Software Technology 2008 - Present

InstallerNet, Inc., North Andover, MA

In October of 2008 assets of Victory Technologies were acquired by InstallerNet, and the content services developed by Victory Technologies were licensed. I was brought in to supervise and manage existing and future software and web service development including the licensed content services from Victory Technologies. New responsibilities included managing software developers, leading development on InstallerNet's existing point-of-sale software, and providing views into company metrics using systems such as SharePoint, SQL Server Reporting Services, and JIRA.

Chief Technology Officer 2002 - 2008

Victory Technologies, Inc., Stoneham, MA

At Victory Technologies, I helped develop a platform for managing and distributing content specific to the mobile electronics industry (a platform that is still in use today by InstallerNet). The system was designed around a SQL back end, a core set of web services with a public API and SDK, and a suite of desktop and web applications. In my six years at Victory Technologies I oversaw all aspects of development, from architecture, database and server administration, digital software distribution, to development, automated builds, testing, and more.

Software Developer 2000 - 2002

MobileToys, Inc., Beverly, MA

I started work at MobileToys as a help desk technician supporting their point-of-sales and vehicle wiring software. While working in the help desk I taught myself the preferred development environment at MobileToys, Delphi, and rewrote one of their aging software programs, the MAID wiring software program. I was made the new developer for MAID, and released two versions of the popular application while working at MobileToys.

Volunteer Work

DX-Squad 2006 - Present

TeamRO 2003 - Present

Education

Computer Engineering 1998 - 1999

Southern Methodist University

Undergraduate 1997 - 1998

Brookhaven College