

Nathanial Woolls

Husband, Father, Software Consultant

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I've been helping companies both large and small make more money and cut costs using technology for over ten years. With experience in database design, web services, desktop applications and mobile phone apps, I am to help companies build long lasting software solutions, both public-facing and internal.

My primary development platforms are .NET, native Windows development using Delphi, and iOS development using Xcode. I also specialize in developing solutions using technologies from DevExpress and RemObjects.

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

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, Git
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, QXML, REST, XSLT, SSRS, SharePoint, XAML, WCF, Google Maps API, Core Data, iCloud, EWS

Employers

Software Consultant	2011 - Present
Self-Employed, Portland, Maine	
Starting in 2011 I began offering my services as a consultant covering all aspects of the software development lifecycle, including database development, managed, native, and mobile software development, scalability, testability, integration, and more.	
Director of Software Technology	2008 - 2012
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.	

Volunteer Work

DX-Squad	2006 - Present
TeamRO	2003 - Present

Education

Computer Engineering	1998 - 1999
Southern Methodist University	
Undergraduate	1997 - 1998
Brookhaven College	