Joseph Dean, Software Engineer

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Relevant Skills

C#, ASP.NET, MVC, XAML, Xamarin, WPF, UWP, MVVM,
Web Forms, Win Forms, CSHTML5, Blazor, .NET Core, XML, XSL, jQuery
Entity Framework, WCF, REST API, SQL, Dapper, Bootstrap,
jQuery, BrightScript, PERL, AngularJS, JavaScript, TFS, Git, Gitlab,
C++, MFC, Visual Basic, IIS, AWS, Azure (AZ900 and AI900 certified).

Experience

Cognizant – Engineering Manager, Nov 2021-Sept 2023

Worked with the Walt Disney Imagineers Sustainment Team enhancing, maintaining numerous critical applications and migrating them to the cloud. Created a .NET authorization library to integrate PERL apps with single sign on authentication (MyID). Worked with Disney's ServiceNow, Jira, Gitlab, Confluence systems.

Pharmazam – Independent Contactor/Senior Software Engineer, Mar 2019-Sept 2021

Developed DNA Test Analysis (Pharmacogenetics) apps, website and API using C#, ASP.NET, MVC, Dapper, SQL Server, Bootstrap, Azure services and DevOps.

Think Anew – Senior Software Engineer, Nov 2018-March 2019

Developed applications, websites, APIs and other projects utilizing C#, UWP, WPF, ASP.NET Core, MVC Core, Entity Framework Core, SQL Server, Bootstrap, Azure services and DevOps.

Veamcast – Founder and principal developer, Jan 2010-present

Developed a multimedia exchange system for communication, file sharing and entertainment on TVs, tablets, PCs and phones. Technologies employed include C#, Xamarin/MAUI, WPF, UWP, XAML, WCF, AWS, ASP.net, Blazor, MVC, Webforms, AngularJS, Windows Desktop Bridge, TFS, SCRUM, BrightScript (for Roku).

Electronic Sports - Founder and CEO, Feb 2006-Oct 2010

Conceived and created the Dogfight Active Simulator (full featured flight simulator interfaced with a commercial recumbent exercise bike) and the Electronic Sports Active Gaming Platform. Led development team in Cebu, Philippines and brought it to market in the U.S. It was developed in Visual Studio using C# Win forms, Web forms, SQL, DirectX and ASP.Net web services.

Cyberbox – Software Architect, May 2005-Nov 2009

Led development of the Cyberbox digital signage system, an embedded Windows CE system that would download and loop through an online playlist of video files and keep them updated automatically with no user interaction. It was developed in Visual Studio using C# and ASP.Net web services.

Movielearn - Software Architect, Jan 2003-Sept 2006

Led development of a C++/MFC program that teaches English while the user watches a Hollywood movie. Developed a PC based DVD player (DirectShow) with a transparent overlay to display subtitles. When the user presses a button, an animated Flash based explanation/translation of the subtitle appears. XML/XSL heavily used. Created reporting and feedback systems using ASP.NET.

Woodstock Systems - Software Architect, Oct 2001-Jan 2003

Developed next generation software for streaming/burning/ripping MP3s using Microsoft Visual Studio.NET and C++/MFC 6.0. Developed .NET web services and client interfaces. Created the product purchase pages, reporting and feedback systems using ASP.NET.

DeVry Institute of Technology - Adjunct Professor, July 1999-July 2003

Taught Introduction to Programming using Visual Basic, Programming in C, Systems Analysis, Object Oriented Design and Analysis, Client/Server Application Development, Web Design and Web Application Programming.

Neoplanet Inc. - Senior Developer, Research and Development, Jan 1998-Feb 2001

Developed the Neoplanet integrated email client using Visual C++ (MFC). Coded prototypes for future products using Visual C++, Visual Basic, ASP and Microsoft SQL Server.

Bigfoot International. - Software Developer, July 1996-Jan 1998
United States Navy - Sonar Technician, Apr 1982-Apr 1986

Education

Master of Business Administration (MBA) / Computer Methodology
Baruch College (CUNY) 1993-1995

Bachelor of Science (BS) / Business Administration
Empire State College (SUNY) 1991-92

Associate of Applied Science (AAS)/ Computer Information Systems
Associate of Applied Science (AAS) / Business Administration
Sullivan County Community College (SUNY) 1990-91