

SKILLS

Agile / SCRUM	.NET Framework (C#, ASP.NET MVC)	Framework and Tooling Development
Enterprise Architecture	HTML 5, TypeScript	Test-Driven Design & Development
Collaborative Development	Angular & React	Continuous Integration & Deployment
Technical Evangelism	Web APIs / UI Services / REST	Distributed Source Control

PROFESSIONAL AFFILIATIONS

- Microsoft MVP, ASP.NET (2008-2014, 2017-present)
- Lynda.com Author
- ASPInsider
- [Static Void Podcast](#) Host
- NJDOTNET User Group Leader
- INETA Community Champion



EMPLOYMENT

CentralReach, LLC

Pompano Beach, FL (Remote)

Senior Developer & UI Team Lead/Architect

March, 2018 - Present

- Sole Architect and Lead Developer of brand new Single Sign-On (SSO) solution to join all acquired applications under a single platform; system supports over 100k active users with a 25ms avg response time
- Develop new features on a large SPA application using TypeScript, React, MobX
- Convert existing Knockout components to TypeScript, React, MobX
- Create POCs and lead refactoring/cleanup of existing application design and architecture

Technologies used: TypeScript, React, MobX, Knockout, Webpack, .NET Core, OpenID Connect (Identity Framework), Terraform, AWS stack: Lambda, SES, SNS, SQS, SMS, S3, DynamoDB, RDS (MSSQL)

Merrill Lynch / Bank of America

Pennington, NJ

Director, Sr. Technical Manager

October, 2013 – March, 2018

- Represented line of business in enterprise work stream to architect a standardized fully-automated SDLC lifecycle (CI/CD)
- Manage 30-person development team (20 off-shore developers) with \$3M budget
- Built and managed a 10-person DevOps team to drive successful adoption of said platform of approx. 200 development teams (in addition to continuing to manage the 30-person development team)
- Transformed large monolithic legacy Web Forms applications to a modern client-side MVC and UI Services architecture

Technologies used: ASP.NET Web Forms, ASP.NET MVC, Angular 1.x/2+, NPM, JSPM, ES6, TypeScript, Microsoft Web API, Team Foundation Server, Git/BitBucket, NuGet, Jenkins, Artifactory, Ansible

JK Group

Plainsboro, NJ

Lead Technical Architect

July, 2013 – October, 2013

- Lead the rearchitecture of existing legacy charitable donation and volunteer time tracking systems
- Lead a team of remote developers in implementing said systems

Technologies used: ASP.NET MVC, KnockoutJS, Service Stack, NServiceBus, Team Foundation Server

Teknikos

Software Development Manager

King of Prussia, PA
October, 2012 – June, 2013

- Managed all day-to-day software development operations of a boutique software development firm specializing in immersive interactive experiences using devices such as the Kinect, Surface Table, and PixelSense
- Architected real-time interactive experience leveraging touch-screen technology to drive collaboration between geographically-disparate teams

Technologies used: ASP.NET MVC, SignalR, KnockoutJS, BreezeJS, WPF, Kinect, Surface Table, PixelSense, Team Foundation Server

Dow Jones

Sr. Architect and RIA Specialist

Princeton, NJ
October, 2010 – September, 2012

- Trained existing ASP.NET Web Forms developers on the “new” ASP.NET MVC framework
- Lead Architect and developer on server-side and client-side UI framework based on ASP.NET MVC and client-side MVC
- Introduced NuGet packages to facilitate sharing of code between teams, as well as the build and hosting infrastructure to support it

Technologies used: ASP.NET MVC, ASP.NET MVC, Ninject, jQuery, Team Foundation Server, NuGet

HomeNet Automotive (division of Autotrader.com)

Sr. Architect and Team Lead

West Chester, PA
August 2009 – September 2010

- Lead Architect on new Autotrader.com backend processing systems
- Lead various 4-8 person development teams in an Agile environment
- Managed automated builds and build infrastructure
- Introduced “Developer Achievements” development metrics gathering system and Xbox Live-like leaderboard to bring gamification to the development process

Technologies used: ASP.NET Web Forms, ASP.NET MVC, Ninject, Linq-To-SQL, Quartz.NET, jQuery, SQL Server, CruiseControl.NET

Infragistics, Inc.

Website Team Lead

Princeton, NJ
April 2006 – July 2009

- Managed all production corporate web properties, internal and external (19 in total)
- Introduced automated unit testing and Continuous Integration to existing legacy codebase
- Implemented new eCommerce site built on ASP.NET and Microsoft Commerce Server with integration points via BizTalk.
- Localized entire US English marketing and customer support website to Japanese

Technologies used: ASP.NET, ASP.NET AJAX, jQuery, SQL Server, WCF, Silverlight, Team Foundation Server, Microsoft Commerce Server, Ektron CMS, Community Server, Enterprise Library, BizTalk, Microsoft CRM, NHibernate

Popular Financial Holdings (Banco Popular)

Sr. Web Developer

Princeton, NJ
August 2003 – April 2006

- Maintained dynamic rule-based Commission Automation system
- Designed and implemented an intranet Employee Directory replacing Excel spreadsheet
- Documented various IT processes that were formally undocumented and misunderstood

Technologies used: ASP.NET, AJAX, Crystal Reports, Enterprise Library, BizTalk, SharePoint, InfoPath, SQL Server

onTap4u

Architect and Lead Developer

Garden City, NY

September 2002 – March 2004

- Designed and brought to market an Internet-enabled electronic beverage dispenser which included various alcoholic restrictions and line level controls and interacts directly with corporate servers, periodically uploading all vital information enabling seamless delivery requests and a low-maintenance end-user appliance

Technologies used: ASP.NET, ASMX Web Services, SQL Server, .NET Compact Framework

Inventa Technologies

Software Developer

Moorestown, NJ

September 2000 – December 2002

- Updated and maintained proprietary server-monitoring systems and associated administrative GUIs

Technologies used: ColdFusion, JSP, Taglibs, Struts, BEA Weblogic, Apache Tomcat, jBoss, Apache httpd

PUBLICATIONS

Online Video Training

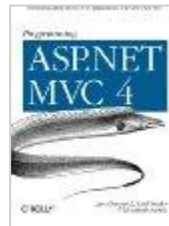
- [Introduction to TypeScript](#) (YouTube)
Free training video introducing developers to everything they need to know in order to become productive with the TypeScript programming language.
- [Learning ASP.NET Core Razor Pages](#) (Lynda.com)
- [Learning ASP.NET Core MVC](#) (Lynda.com)
- [TypeScript Essential Training](#) (Lynda.com)
- [Up and Running with .NET Core](#) (Lynda.com)
- [ASP.NET MVC 4 Essential Training](#) (Lynda.com)
- [Up and Running with WebMatrix and ASP.NET](#) (Lynda.com)



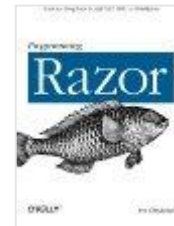
Books



[Essential TypeScript](#)
(LeanPub, May 2016)



[Programming ASP.NET MVC 4](#)
(O'Reilly, October 2012)



[Programming Razor](#)
(O'Reilly, September 2011)

Magazine Articles

- [ASP.NET MVC Model Binding](#) (MSDN Magazine, February 2012)
- [Leveraging Razor Templates Outside of ASP.NET: They're Not Just for HTML Anymore!](#) (CoDE Magazine)
- [Easy Validation in ASP.NET MVC with the Enterprise Library Validation Application Block](#) (CoDE Magazine)
- [How to Build Mobile Websites with ASP.NET MVC 2 and Visual Studio 2010](#) (DevProConnections Magazine, March 2010)

OPEN SOURCE CONTRIBUTIONS

For the full list of repositories and activity, [see my GitHub profile](#).

Several contributions to Visual Studio Code

Contributed ability to use PowerShell as integrated terminal and set of unit tests to increase code coverage

[NuGet Reverse Package Search](#) Visual Studio Code Extension

A Glimpse extension that allows users to view log4net log messages in the browser via Glimpse.

[Glimpse.log4net: log4net extension for Glimpse](#)

A Glimpse extension that allows users to view log4net log messages in the browser via Glimpse.

The 15th most downloaded Glimpse extension as of Feb. 2016.