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| 1087 Country Hill Rd, Yardley, PA  [www.jesschadwick.com](http://www.jesschadwick.com) | [github.com/jchadwick](https://github.com/jchadwick) | (856) 693-0829  [jesschadwick@gmail.com](mailto:jesschadwick@gmail.com) |

## Skills

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

## Professional Affiliations

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

## Employment

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| **CentralReach, LLC**  **Senior Developer & UI Team Lead/Architect** | Pompano Beach, FL (Remote)  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)*

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| Merrill Lynch / Bank of America  Director, Sr. Technical Manager | Pennington, NJ  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

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| JK Group  Lead Technical Architect | Plainsboro, NJ  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

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| 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

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| 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

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| 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

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| 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

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| 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

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| 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

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| 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](https://www.youtube.com/watch?v=qRD7bkK7m10) (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](https://www.lynda.com/Jess-Chadwick/1116263-1.html) (Lynda.com)
* [Learning ASP.NET Core MVC](https://www.lynda.com/ASP-NET-tutorials/Learn-ASP-NET-Core-MVC-Basics/512728-2.html) (Lynda.com)
* [TypeScript Essential Training](https://www.lynda.com/Typescript-tutorials/TypeScript-Essential-Training/421807-2.html) (Lynda.com)
* [Up and Running with .NET Core](http://www.lynda.com/ASP-NET-tutorials/Up-Running-ASP-NET-5/368051-2.html) (Lynda.com)
* [ASP.NET MVC 4 Essential Training](http://www.lynda.com/ASP-NET-tutorials/ASP-NET-MVC-4-Essential-Training/109762-2.html) (Lynda.com)
* [Up and Running with WebMatrix and ASP.NET](http://www.lynda.com/ASP-NET-tutorials/Up-Running-WebMatrix-ASP-NET/85082-2.html) (Lynda.com)

### Books

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| Essential TypeScript [Essential TypeScript](https://leanpub.com/essentialtypescript)  *(LeanPub, May 2016)* | [http://ws-na.amazon-adsystem.com/widgets/q?_encoding=UTF8&ASIN=1449320317&Format=_SL110_&ID=AsinImage&MarketPlace=US&ServiceVersion=20070822&WS=1&tag=creativerea0a-20](http://www.amazon.com/gp/product/1449320317/ref=as_li_tl?ie=UTF8&camp=1789&creative=390957&creativeASIN=1449320317&linkCode=as2&tag=creativerea0a-20&linkId=OXMSX5467HGFWKJ5) [Programming ASP.NET MVC 4](http://www.amazon.com/gp/product/1449320317/ref=as_li_tl?ie=UTF8&camp=1789&creative=390957&creativeASIN=1449320317&linkCode=as2&tag=creativerea0a-20&linkId=OXMSX5467HGFWKJ5)http://ir-na.amazon-adsystem.com/e/ir?t=creativerea0a-20&l=as2&o=1&a=1449320317  *(O’Reilly, October 2012)* | [http://ws-na.amazon-adsystem.com/widgets/q?_encoding=UTF8&ASIN=1449306764&Format=_SL110_&ID=AsinImage&MarketPlace=US&ServiceVersion=20070822&WS=1&tag=creativerea0a-20](http://www.amazon.com/gp/product/1449306764/ref=as_li_tl?ie=UTF8&camp=1789&creative=390957&creativeASIN=1449306764&linkCode=as2&tag=creativerea0a-20&linkId=I46PWVYF2HLIT6K6) [Programming Razor](http://www.amazon.com/gp/product/1449306764/ref=as_li_tl?ie=UTF8&camp=1789&creative=390957&creativeASIN=1449306764&linkCode=as2&tag=creativerea0a-20&linkId=I46PWVYF2HLIT6K6)http://ir-na.amazon-adsystem.com/e/ir?t=creativerea0a-20&l=as2&o=1&a=1449306764  *(O’Reilly, September 2011)* |

### Magazine Articles

* [*ASP.NET MVC Model Binding*](https://msdn.microsoft.com/en-us/magazine/hh781022.aspx)(MSDN Magazine, February 2012)
* [*Leveraging Razor Templates Outside of ASP.NET: They’re Not Just for HTML Anymore!*](http://www.codemag.com/Article/1103081) (CoDE Magazine)
* [*Easy Validation in ASP.NET MVC with the Enterprise Library Validation Application Block*](http://www.codemag.com/Article/0911101) (CoDE Magazine)
* [*How to Build Mobile Websites with ASP.NET MVC 2 and Visual Studio 2010*](http://devproconnections.com/aspnet/how-build-mobile-websites-aspnet-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***](https://github.com/jchadwick)*.*

**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**](https://marketplace.visualstudio.com/items?itemName=jesschadwick.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**](https://github.com/jchadwick/Glimpse.Log4Net)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.*