

Software Engineer Software Engineer Software Engineer Encinitas, CA Work Experience Software Engineer Caregiving Sabbatical - San Diego, CA May 2018 to July 2019 Self-sponsored sabbatical dedicated to support home-hospice care of my spouse's terminally-ill father. During this time, I have developed APIs on .NET Core 2.x, Entity Framework Core ORM, ASP.NET Identity authentication, Docker containerization, and built a CI/CD system with Git, Azure and Heroku. Team Lead Paylocity August 2016 to April 2018 Leadership role for multiple remotely-distributed engineering teams (20+ total ICs) in a 2000-person tech organization. Responsible for CI/CD process execution with TeamCity and Octopus, code-reviews, coaching and mentoring an Agile/SCRUM context, and designing team performance metrics. Lead Architect/Manager Ecocion, Inc July 2011 to July 2016 Hands-on engineering leadership role reporting to the Founder, developing the asset tracking and regulatory compliance SaaS application for energy industry using HTML5, CSS3, .NET 4.5, jQuery/Typescript/Javascript, ASP.NET MVC, C# 5, REST WebAPI, LINQ and Entity Framework DAL against multiple Oracle PL-SQL database instances. Additionally, I built custom WCF REST APIs for clients, and developed a multi-stage, automated CI/CD process using TeamCity, Powershell, Grunt/Gulp, TFS and Microsoft Azure platform, and on-prem Windows servers. Software Engineer Internet Testing Systems - Baltimore, MD January 2010 to July 2011 Developed a K-12 assessment testing system including student test registrations, test results, test event history, certifications, and test product orders using .NET 3.5, LINQ, and SQL Server 2005/2008 databases, with jQuery and plain Javascript in the presentation layer. Web Applications Developer Bally Total Fitness - Towson, MD October 2008 to October 2009 Developed the Bally Total Fitness e-commerce UI and data access logic, including a membership management web application using C#, ASP.NET, ADO.NET, SQL Server 2005/2008 databases. .NET Software Developer SAIC - Baltimore, MD February 2008 to August 2008 Six-month contract to develop a real-time energy commodities valuation system including a WPF health-monitoring framework .NET/C# development on the transaction and subscription engines, and developing Oracle PL-SQL data objects for reconciling trading data from multiple sources. Software Engineer Ukazoo Books - Baltimore, MD October 2007 to February 2008 Sole responsibility for concept-to-executable development of a

shipping management system based on C# 2.0, WinForms, and MySQL for daily fulfillment of orders from amazon.com and bn.com. Software Developer The Motley Fool - Alexandria, VA July 2006 to September 2007 Building user-facing community intelligence for www.fool.com using ASP.NET 2.0, C# 2.0, MS SQL Server, and expanding unit-tests coverage with NUnit.

PERSONAL DEVELOPMENT PROJECTS .NET Core API demos: <https://github.com/bflow>  
DevOps article on Medium: Automating .NET Core Deployments to Heroku Microsoft Azure  
Machine Learning Project: Analysis of Poverty Rates Education Bachelor of Science in Computer Engineering in Computer Engineering University of Maryland Baltimore County - Baltimore, MD  
Certifications/Licenses Microsoft Data Science Professional Present  
<https://academy.microsoft.com/en-us/certificates/8af866f0-732a-41ef-a62b-8fed5d842180/>

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