

This is intended to be trimmed down and focused for particular opportunities

Matt Burke		
Kansas City, MO · (301) 606 – 6799 · Email: hello@mattburkedev.com · https://www.mattburkedev.com		
Technical Skills Summary	• Mastery of C#, JavaScript, Typescript • Other Programming language experience: PHP, Ruby, CSS, • Microsoft .NET: C#, WinForms/WPF, ADO.NET, EntityFramework, Azure, ASP.NET (WebForms, MVC, WebAPI), .NET Core • .NET CMS Experience: Sitecore, Umbraco, Kentico • Microsoft SQL Server • Javascript: React, Vue, Angular, Express	
Relevant Work Experience	The Nerdery Software Engineer (.NET) (Oct 2014 - Sept 2015) Senior Software Engineer (.NET) (Sept 2015 - Sept 2016) Principal Software Engineer (.NET) (Sept 2016 - Sept 2018) Principal Software Engineer (.NET) / Team Manager (Sept 2018 - Jan 2019) The Nerdery is a custom software design and development company featuring full software development lifecycle services • Served on multiple projects in various capacities (including lead developer), building solutions in .NET and Javascript, including full-stack development, performance tuning, infrastructure design, software architecture, and database design • Achieved Kentico and Sitecore certifications (now expired) • Lead internal task forces for improving developer education and coding standards. Now public: https://github.com/thenerdery/dot-net-standards • Assisted with sales initiatives through estimation, tech-selection, and client facing RFP presentations • Performed code intakes and prepared client-facing summary of findings. Recommended and prioritized technical fixes and improvements for maintainability, compliance, and security • Participated in marketing and recruiting initiatives: giving talks, assisting with local bootcamp curriculum review, and interviews • Mentored and trained new hires, less experienced developers, and an intern • Managed a team of 5 other .NET developers: completed performance reviews, assisted with resourcing to projects, maintained on-on-ones <i>Relevant Project Portfolio</i> • Sitecore projects: built new features and enhancements to Sitecore installations for multiple clients, including localization, performance improvements, and search optimization. Overhauled visual design while minimizing need for new content entry • WPF: Sole engineer on image processing tool for the quality assurance team at a glass manufacturer. Client was pleased to come in under time and below budget. Designed major parts of the user interface. • Built multiple online portals for a regional pharmacy in ASP.NET MVC. Interfaced with third party identification service. Created shared visual components between the portals. Created custom addons for server and client-side validations	October 2015 - January 2019

	• Full stack developer on custom loan processing application. Built entire features from client-side interactivity in React to server-side API development in ASP.NET WebAPI • Performed in-take on client's existing node.js application written by another vendor. Identified areas for improvement. Resolved long-existing unsolved issues. Improved stability. • Data middleware migration for financial industry client. Implemented developer efficiency libraries in constrained target environment where nuget packages were disallowed. Implemented complex data comparison tool that was integral for testing process. Red Ventures Web Applications Developer, Energy Team (Charlotte, NC) Red Ventures is a customer acquisition marketing firm based out of Fort Mill, SC • Migrated acquired website to internal framework to improve analytics: implemented an administration portal for partners to enter products and rates including price change scheduling, approvals, and audit history. Wired mockup from designers into back-end data stores and added usability enhancements. • Ported online price comparison tool from jQuery to angular.js, • Improved TDD workflow for internal and customer facing backend PHP code, increased Energy team test coverage from zero tests and achieved majority coverage of the most crucial subsystems • Mentored and trained new hires and entry level developers Pinstripe Incorporated Applications Developer: Implementation Team (Charlotte, NC) Pinstripe is a consulting and custom software provider based in Charlotte, NC Ulyssix Technologies, Inc (part time) Electronics Test Engineer, Software Developer (Frederick, MD) Ulyssix designs and manufactures telemetry products on PCI cards using FPGA based DSP, and develops software applications to control their receivers and display real-time telemetry data.	January 2013 – October 2015 September 2011 – January 2013 October 2005 – January 2009
Relevant Side Projects & Open Source	Electric Field Hockey http://www.electricfieldhockey.com • Ruby on Rails and custom javascript application to play a simple physics based game in which the player attempts to navigate an obstacle course by placing positive and negative electric charges. Includes user signup, scoreboards, game-replays. Built with HTML5 canvas, kinetic.js, Ruby on Rails, MySQL. Landmine http://www.landminegame.com • ASP.NET MVC & javascript application to play simple "Minesweeper" derivative. ASP.NET MVC5, EntityFramework 6, TypeScript, Javascript, SASS, Windows Azure Operation Show http://www.operationshow.org/	

	Through the Nerdery's Overnight Website Challenge, worked with a team of other Nerdery employees to design and build a site for local non profit using Umbraco	
Training	Consuming HTTP and JSON APIs with C# https://www.mattburkedev.com/talks/consuming-http-json-apis-csharp/ - October 2016 - Guest Speaker at Centriq Trainings Alumni Continuing Education Program - Instructed students on JSON as a message format, HTTP (verbs, REST), common authorization methods, and then tools and best practices for interacting with APIs in C# - Prepared demo API for students to practice with in spare time Introduction to Azure for .NET Developers https://www.mattburkedev.com/talks/intro-azure-for-dot-net-developers/ - July 2017 - Guest Speaker at Centriq Trainings Alumni Continuing Education Program - Instructed students on an overview of Azure offerings, particularly those most applicable to .NET developers: virtual machines, app services, databases, and blob storage. - Prepared demo application for deployment Nerdery .NET Standards https://github.com/thenerdery/dot-net-standards - Significant author of .NET development standards used by the entire .NET practice	
Education	B.A. in Christian Thought; Minor in Christian Ministries Grove City College Two Years of coursework for B.S.E.E	May 2010 3.39 GPA