MATTHEW NICHOLS

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Languages, Tools & Platforms:	.NET 1.0-4.5.2, C#, VB.NET, ASP & ASP.NET, ASP.NET MVC & Monorail, Microsoft Azure, MS SQL, MongoDB, Castle Windsor & Unity DI containers, AutoMapper, AJAX & Javascript (jQuery, KnockoutJs, jQuery UI, Telerik Kendo UI, Underscore, React, Durandal, Ext JS, Raphaël Js, CoffeeScript, TypeScript), LINQ, SignalR, WebAPI, Xamarin, GDI+, NHibernate, XML/XSL/XSD, Subversion, Mercurial, TFS, Bamboo build server, VB 6, Oracle PSQL, MySQL, PostgreSQL, COM+ & Enterprise Services, Apache, IIS, HTML5, CSS/Less, NUnit, NANT, MSBuild, ADO.NET

Professional and Technical Experience

Senior Software Developer (Contractor)
Regis Company   *Golden, CO*   *2015-Current*

- Implemented Corporate Learning Simulation for major aerospace customer (Durandal Js, KnockoutJs 2.x)

- Architectural Consulting on new Content Management product (React Js)

Senior Software Developer (Contractor)
OCI   *Englewood, CO*   *2014-2015*

- Implemented new features on large scale HR management system (ASP.NET MVC5, SQL Server, Kendo UI, KnockoutJs 2.x, Entity Framework)

Senior Software Developer (Contractor)
Towers Watson   *Denver, CO*   *2014*

- Implemented new features on large scale HR management system (ASP.NET MVC4, SQL Server, jQuery)

Senior UI Architect
CacheMatrix   *Denver, CO*   *2013-2014*

- Consulting to modernize and migrate from legacy systems into MVC and client-side code. (ASP.NET MVC4, KnockoutJs 2.x, Entity Framework, SQL Server, Unity, Moq Mocking Framework, Wijmo, jQuery & QUnit)

- Architected and developed new infrastructure and created a large number of unit tests around existing and new code. Engage leadership to improve process and decision making in technical domains.

- Pair coded & presented tech brownbags with new and existing development team members to raise the skill levels of and broaden understanding of current technologies. Incorporating best practices and a pragmatic approach within the IT culture.

Senior Software Developer
Janus Capital Group   *Denver, CO*   *2010-2013*

- Lead Application Developer on financial services data quality system that supports data stewardship using web application. Created highly responsive AJAX screens with a strong emphasis on user productivity. Refactored/took ownership of outsourced code base. (C#, ASP.NET MVC 2-3, jQuery, jQuery UI, KnockoutJs, RaphaëlJs/SVG)

- Presented trainings, brown-bags, and executive level technology evangelism on .NET and modern UI/UX topics. Developed prototypes and proof of concepts to demonstrate how particular approaches and technologies could better serve the projects and the Enterprise.

- Consulted internally with other development teams on using AJAX/Web interfaces more effectively. Created graphically rich proof of concept application to determine the feasibility of port a WPF application to a web application. (CoffeeScript, RaphaëlJs/SVG)

Software Architect & Developer
JoyaSolutions (JoyaTech)   *Denver, CO*   *1996-Current*

- Principal Architect. Designed and led development of B2C event music system encompassing web SPA, Android and iOS clients. (ASP.NET MVC5, Microsoft Azure, C#, MongoDB, KnockoutJs, SignalR, WebAPI, Xamarin.Forms, TypeScript)

- Principal Architect. Led development for highly responsive multi-tenant SAAS timesheet application. (ASP.NET MVC4, C#, MongoDB, KnockoutJs, JavaScript, Castle Windsor, SignalR jQuery, jQueryUI, Bootstrap,)

- Architected and developed multi-tenant Performance Management application featuring a scoreboard Single Page Application. Successfully handed off to maintenance team. (SPA, KnockoutJs, mongoDB, ASP.NET MVC 3, C#, Castle Windsor, Javascript, SignalR)

- Principal Architect. Designed and led development team of four to create and launch multi-site content management system. Custom Site Integration: Record Label Implementation for digital media distribution, artist information and tour scheduling. (ASP.NET MVC 1-3, C#, KnockoutJs, Castle Windsor, PostgreSQL, AJAX, Nhibernate, CSS)

- Developed financial dashboard platform that integrates data from multiple sources to allow at-a-glance tracking of company key performance indicators. (ASP.NET 2.0, C#, MS SQL2000, NHibernate, GDI+)

- Developed a form system to collect data in a centralized store to be used on multiple government forms, thereby streamlining business processes related to liquor licensing. (ASP.NET 2.0, C#, MS SQL2000, AJAX, NHibernate, GDI+)

- Architected and led implementation of cell phone service E-commerce system. Accepted purchaser request and translated/transmitted request to existing legacy system formats. (ASP.NET 1.1, VB.NET, XML, XSD, MS SQL2000)

- Developed PeopleLink's online Time-Dollar accounting system: tracks exchange of bartered time and services and provides supporting reports, (ASP, VB6, MS SQL2000, COM+, ActiveReports)

- Created and maintained Colorado School District Capital Improvement database which supported the creation of a bond proposal. Creative data sorting, manipulation and reporting to support documentation requirements. (MS Access)

Senior Software Developer
Examiner.com   *Denver, CO*   *2009 - 2010*

- Tech Lead for enterprise management applications. Led refactoring/rearchitecting effort to improve maintainability, allow easier extensibility and take ownership of outsourced code base. Designed and developed new modules to extend functionality, including examiner payments and communications (C#, ASP.NET & ASP.NET MVC, Castle Windsor, MS SQL 2005, jQuery)

- Created application roadmap in partnership with product management and internal customers to support development teams transitioning in-house.

- Created Payments system to allow operations manager to calculate, manage and fulfill thousands of Examiner payments via PayPal. System was built to be extensible allowing for the addition of new incentive programs to be added easily. (C#, ASP.NET & ASP.NET MVC, Castle Windsor, MS SQL 2005, jQuery)

Senior Software Developer (Contractor)
HealthTrans LLC   *Greenwood Village, CO*   *2008 – 2009 & 2010*

- Supported migration to new ETL infrastructure. Refactored unmaintainable SQL code, documented procedures and productionalized ETL packages (MS SQL 2005, IBM DataStage)

- Developed ASL from RIMS (a legacy line of business application). Created application and infrastructure for simplified creation of data extracts by XML document definition allowing greater access to the data to facilitate reporting. Became in-house expert on RIMS data structures and created SQL code to institutionalize expertise. (C#, MS SQL 2005, XML)

- Partnered with BI team to develop ODS design and incorporate RIMS data into enterprise infrastructure. (MS SQL 2005, SSIS ETL)

- Provided extensive technical and best practices mentoring to junior programming staff.

Software Developer (Contractor)
eBags   *Denver, CO*   *2007*

- Redesigned and developed elements of the ColdFusion ecommerce system including integration with international shipping organizations and EDI. (ColdFusion, Oracle, JavaScript)

- Re-architected interface with Google E-commerce fulfillment and charge system to increase collection of revenues. (C#, .NET WebServices, Oracle)

Senior Software Developer and Tech Lead (Contractor)
Policy Studies Incorporated   *Denver, CO*   *2005 - 2007*

- Led development team to design and develop the Texas Attorney General's Centralized File Management system, used to scan, OCR and store more than 1.5 million documents annually for the Texas office of the Attorney General. Utilizes configurable document definitions to allow for simplified expansion of capabilities. (VB.NET, C#, ASP.NET, MS SQL 2000, XML/XSL)

- Contributed to Maryland PAC project extending the system to allow enrollment into multiple programs. (VB.NET, C#, MS SQL 2000, .NET Web Services, XML/XSD)

Senior Software Analyst and Developer (Contractor)
Raytheon Polar Services Company   *Centennial, CO*   *2005*

- Re-factored document validation middleware for the National Science Foundation's POLAR ICE system focusing on performance improvement and improving readability/maintainability. Created code generation system as constraint tool and unit testing suite to verify middleware on demand. (C#, MS SQL 2000, XML/XSL/XSD, NUnit Web Services .NET)

Senior Software Developer and Team Lead
Dream Team Technologies, Inc.   *Denver, CO*   *1997-2004*

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- Principal architect of Viadesto, a multi-tenant, n-tier web delivered CMS including information management, media library, security, user and organization profiles, banner ads, threaded conversations, calendars, e-commerce and email. Expanded system with a scalable form generating system with data gathering and reporting. System supported over 25,400 sites and 75,000 users. (ASP, VB6, MS SQL2000, COM+, JavaScript, XML/XSL, .NET, IIS)

- Provided technical expertise and mentoring in development and architecture for junior members of the project team. Accountable for the production of more than 15 developers over 7 years.

- Designed and implemented proprietary timed online assessments for a change-management consulting firm. Generated excel charts online and delivered reports back to client's customers. (ASP, SQL, VB6, JavaScript, Excel/OLE)

- Developed source code management and code generation utilities to increase developer performance, solidify best practices and increase code quality. (VB6, SQL-DMO, ASP, CVS, Subversion, Visual Source Safe)

- Developed and implemented consultant practice management system for billable time tracking, workflow, review, and invoicing with complex rules for year-end bonus calculations. QuickBooks Pro Integration. (MS Access, VB6, ASP)

- Designed and implemented cohort scheduling system for UCD School of Education to facilitate group calendaring and to integrate School of Ed. timelines and requirements with larger university schedules. (SQL, ASP, VB6)