

Thomas W Donnelly

Thomas.W.Donnelly@gmail.com | 816-876-0219 | <https://goo.gl/yIB5tn>

Summary

Over 10 years of software engineering experience, with strong analytical skills and a broad range of computer expertise. I am an excellent problem-solver, able to quickly grasp complex systems, identify opportunities for improvements, and resolution of critical issues. An effective leader skilled in enlisting the support of all team members in aligning with project and organizational goals.

Skills

- C#/.NET (3.0 +) web and desktop application development, design, and architecture
- Development experience with Microsoft MVC 3+, Dependency Injection (DI) using Caliburn.Micro and Autofac, Inversion of Control (IOC), and using ORMs for data access layer implementation including Telerik OpenAccess, Microsoft Entity Framework, and nHibernate.
- Professional experience designing and consuming windows communication foundation (WCF) web services and with service-oriented architecture (SOA)
- Fluent with web application development using HTML (and HTML5), CSS, JavaScript (and jQuery) across modern browsers
- Test Driven Development experience (TDD) utilizing Microsoft Visual Studio testing framework and Moq for mocking external dependencies and performing Unit testing
- Windows desktop and service application development experience using WPF and .NET 3.5
- Usage of version control systems (Git, TFS, SVN, Source Depot) for work tracking and source control.
- SQL Server development experience – designing and maintaining queries and stored procedures for SQL Server 2005+ in enterprise level data centers for multi-million-dollar companies.
- Experience with Java
- Extensive phone and documented software application and hardware support
- Experience in mentoring and training of developers as well as end-user support

Professional Experience

Donnelly Consulting Group, LLC | Kansas City, Mo

Oct 2019 - Present

Solution Architect/Senior Software Engineer | Remote

- Remote contract work for large corporations using latest technologies for architectural improvements of client facing products
- Providing web, data, storage, and security services for small business clients
- Providing estimation of proposed work items, scope of work creation and task delegation for multiple large agile projects
- Managing small to largescale architectural changes in team environments

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- Implementation of automation for updates and deployment strategies – using TFS, MS Build, and SSIS
- Efficiency enhancements to existing codebase using latest Full Stack and .NET technologies including [but not limited to] task schedulers and associated APIs

Surge | Bellevue, WA

Mar 2017 – Jul 2020

Solution Architect/Senior Software Engineer | Freelance/Contract

Estimation, scope of work creation and task delegation for multiple projects simultaneously

- Architecture and implementation of automation for updates and new deployment – using TFS, MS Build, and SSIS
- Efficiency enhancements to existing codebase (and reorganization) using .NET 4.0+, enhancements including task schedulers and associated APIs
- Architect of multiple projects using real-time analytics for cost analysis, data-entry, asset management and public use
- Developed projects using a mixture of .NET, MongoDB, Redis, SignalR, ReactJS, Express, and others modern web stacks
- Collaborated, designed, and implemented UI components for end-user experiences
- Managed teams of engineers to successful delivery of both short-term and long-term milestones
- Developed CRM components for a Reporting system to increase base functionality for ticket gathering tasks

Valorem | Kansas City, Missouri

Dec 2015 – Mar 2017

Software Engineer II | FTE

- Augmented teams of varying sizes in the design and implementation of various Microsoft branded products for Office 365 using a variety of languages and technologies ranging from JavaScript (ES5+), React, .NET 4.0+, and other MS tech stacks
 - Designed and implemented a translation platform for external human translations services to efficiently submit and receive large quantities of translations in a variety of languages
 - Assisted in large scale development of an updated 3D modeling system for structural design and ordering system for BlueScope Buildings
 - Designed and implemented an Office 365 Activity Simulation framework that simulates real world use of the growing products within Office 365 (Exchange, Sharepoint, OneDrive, Yammer, Offline Activations, Skype for Business, etc....)
- Provided guidance and insight on future development of multi-tenant azure-based services for several projects

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Geospatial Analytics | Overland Park, Kansas

Mar 2015 – Oct 2015

Senior Software Engineer | Contract

- Augmented a team of 10 developers with the design and implementation of a real-time asset tracking application using .Net, SQL Server 2012, HTML5, WebApi2, AngularJS, NodeJS, JavaScript ES5, ReactJS, and others
- Provided guidance in adopting [and adherence] coding standards for all levels of engineers
- Lead design sessions for future sprints detailing implementation of upcoming enhancements to current products

CRTV, LLC | Kansas City, Missouri

Dec 2014 – Feb 2015

Senior Applications Developer | Contract

- Development of Sitecore CMS application using AWS, SQL Server, NodeJS, HTML5, and OOCSS
- Identifying and utilizing in-house resources saving the unnecessary cost of hiring an outside agency
- Augmented a small development team of 4 with guidance on gaining familiarity with support and development for a pre-existing large-scale CMS application
- Designed web services to market to external sites enhancing exposure and traffic for Conservative Reviews web traffic.

Kansys Inc | Olathe, Kansas

May 2013 – Oct 2014

.NET Developer | FTE

- Development of internal website redesign using HTML5 and Bootstrap
 - Designed the updated UI/UX and identified key focal points using CRAP [*Contrast, Repetition, Alignment, and Proximity*].
 - Identifying and utilizing in-house resources saving the unnecessary cost of hiring an outside agency.
- Development consultant of proprietary billing solution application for MetraTech
 - WCF, ASP .NET, ASP (Classic), JavaScript, Ajax, HTML, SQL (MSSQL and Oracle PL/SQL)
 - Development of customized versions of core product, data bound templates, and validation implementation
 - Navigation, access control, and organization of web service routing
 - Implementation and maintenance of unit tests using Microsoft Test Framework
 - Deployment and communication during user acceptance testing
- Version control process engineering, maintenance, and build automation
 - Developing new automation test processes for Microsoft's monthly offer loading process for partners; reducing testing process by over 3 days.
- Sustainment of existing application
 - Change Requests/Bug Fixes for production codebase.
 - Data fixes in SQL Server Environments

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- Daily standups; Triage of incoming tasks; Estimation and iteration planning

Veracity Consulting, Inc | Kansas City, MO

Dec 2012 – May 2013

C#/.NET Developer | Contract

- Development of social medical information application
 - HTML 5, CSS, JavaScript; used Twitter Bootstrap and AngularJS
 - Development of custom AngularJS directives, data bound templates, and validation implementation
 - Navigation, access control, and organization of MVC 4 and AngularJS routing
 - Deployment, unit tests, and communication during user acceptance testing
- User Story estimation and iteration planning
- Version control process engineering, maintenance, and build automation

Heartland Crop Insurance LLC | Overland Park, Kansas and Topeka, Kansas

Oct 2012 – Dec 2012

C#/.NET Developer | Contract

- Design and implementation of enhancements to distributed Silverlight 4 administration web application utilizing C#, Caliburn.Micro, AutoFac, nHibernate, WCF RIA Services, inversion of control, dependency injection, Telerik RadControls for Silverlight, and HCI's proprietary framework
- Design and implementation of unit tests for existing WPF desktop application for loss processing, associate records, and quality control using WCF, WPF, .NET, and integration with OPCs
- Configuration, preparation, testing, and support of existing and new installations of enterprise application
- User Story estimation and iteration planning
- Maintenance and enhancements to existing ETL processes: specifically, a Windows service to monitor files and import data to SQL Server 2008 R2 database using C# and .NET 4.0

Amsted Rail, Inc. | Overland Park, Kansas

Jan 2012 – Aug 2012

Junior C#/.NET Developer | Contract

- Design and implementation of distributed enterprise administration web application utilizing MVC3, HTML5, jQuery, CSS3, JSON, WCF, C#, inversion of control, dependency injection, Telerik MVC UI framework, and OpenAccess
- Enhancements of existing enterprise dashboard web application using Telerik Kendo UI, HTML5, jQuery, WCF, and ASP.NET for mobile and desktop based browser compatibility
- Design and implementation of unit tests for existing Windows Presentation Foundation desktop application for manufacturing management and quality control using WCF, WPF, .NET, and integration with OPCs

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- Configuration, preparation, testing, and support of existing and new installations of enterprise manufacturing management application; onsite support for new deployments in Bessemer, AL, Keokuk, IA, and Winnipeg, Canada
- Maintenance and enhancements to existing ETL processes, specifically Windows service to monitor files and import data to SQL Server 2008 R2 database using C# and .NET 4.0

We Develop Software LLC | Kansas City, MO

Feb 2009 – Feb 2012

Junior C# Developer/ Lead Quality Assurance Analyst | FTE

- Production support and maintenance of heavy traffic web applications using SQL Server 2008, IIS 7.5, and C#
- Quality assurance estimation, test plan development, execution, and resource allocation for various projects/clients
- CMS (Kentico) web site development including templates, web parts, organization of page layouts, content migration, and production deployment using C#, SQL Server 2008, and IIS 6
- Microsoft Sharepoint 2007 maintenance and content migration/deployment to production
- User story estimation, iteration planning, client and project management

Heartland Services | Lenexa, Kansas

Oct 2009 – Jan 2010

Part-Time Repair Technician

- Troubleshooting, repair, and documentation of support requests, service orders on client equipment
- Configuration, disk imaging and asset management

PrOtedcted VOid Designs, LLC | Pleasant Valley, Mo

Jan 2011 – Oct 2019

Senior Software Engineer | Freelance/Contract

- Estimation, scope of work creation and task delegation for multiple projects
- Architecture and implementation of automation for updates and new deployment –using TFS, MS Build, and SSIS
- Efficiency enhancements to existing codebase (and reorganization) using .NET 4.0 enhancements including task schedulers and associated APIs

White Tiger Security | Kansas City, Mo

Jan 2009 – Nov 2009

Network Engineer | On-site

- LAN configuration management and deployment of new subnets
- Production router maintenance, upgrades, and configuration migration
- Workstation deployment and support via inbound phone calls, web-based support application, and shared email monitoring

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Education

Park University, Kansas City	2011 - 2014
<ul style="list-style-type: none">• Bachelor of Science in Computer Science, Software Engineering	
Metropolitan Community College, Kansas City	2010 - 2011
<ul style="list-style-type: none">• Associates of Arts with an emphasis in Computer Science• Graduated with 3.75 GPA in relevant courses	
Vatterott College, Kansas City	2009 - 2010
<ul style="list-style-type: none">• AOS degree in Computer Systems and Network Technology• Obtained A+, Network+, CompTIA certifications• Graduated technical program with 4.0 GPA	

Affiliations and Certifications

- A+ Certification (602), 2009
- Network+, 2009
- IEEE Society Member