Douglas L. Walgren
111 Westmoreland Lane, Naperville, IL 60540
630-730-6725, dwalgren@msn.com
https://www.linkedin.com/in/dougwalgren/

Software engineer, architect and development manager involved in all aspects of application life cycle management. Areas of strongest focus have been system analysis, design and development using C/C#, MVC, relational databases, ASP.NET, .NET Core 3.x, RazorPages, WPF, XAML, ADO.NET, HTML5, JavaScript, jQuery, CSS3, Bootstrap, WinForms, WebForms, Web API, web services, REST API, database architecture, design, development and query optimization.

Visual Studio 2005 - 2019. Visual Studio Code. Skilled in GUI layout and responsive design, usability, maintenance and support. SQL Server 2008-2016, Sybase, DB2, PostgreSQL, MySQL and Oracle. SQL Reporting Services, SQL Integration Services, Application Insights. Cosmos/MongoDB.

Integration of third party controls from GrapeCity/FarPoint, Component One, Telerik, Infragistics and ChartFX. Site Analytics integration using Adobe's Omniture SiteCatalyst and Google Analytics. OAuth 2.0 and Auth0. Experience with Abila netFORUM, Blackbaud Sphere, Progress Sitefinity, Gesture and Shopify.

Experience administering Azure Portal, App Services, Function App Services, API Management Services, Service Bus, Storage Accounts, Blob storage, Key Vault, Application Insights and Databases. CI/CD Pipelines and Releases.

Interested in domestic and international travel, technical consulting, implementations, integrations and continued development.

EDUCATION AND ASSOCIATIONS
Bachelor of Science in Information Systems, University of Colorado, Boulder, 1988
Life Member of the National Eagle Scout Association
Finisher of thirteen marathons in twelve states: AZ, CA, CO, FL, IL, IN, MN, MO, OH, OR, VA and WI

PROFESSIONAL EXPERIENCE
CNH Industrial, Inc., Burr Ridge, Illinois, **Sr. Software Engineer**; 1/2019 – Present
Part of a team of full stack web application developers for agriculture farm management information systems and data processing. Team is distributed in Belgium, Australia, Michigan, Pennsylvania and Illinois. Responsible for Authentication and Authorization through OAuth 2.0 and ADFS. RazorPages with CSS3, HTML, jQuery, React and Bootstrap 4. WPF, XAML applications with .NET Core 3.1. C# middle tier calling RESTful APIs. Using Auth0, SwaggerHub, Jira, Confluence, Teams, Slack, Miro, Azure resource administration, configuration and Application Insights tracking, Visual Studio 2019, Postman and Git. IoT solution is a combination of App Services (web applications), Function Apps using Service Bus, Blob storage, Azure Key Vault and PostgreSQL databases. Services management and configuration using Azure Portal. Deployments using DevOps CI/CD.

CNH Industrial, Inc., Burr Ridge, Illinois, **Consultant Web Application Developer**; 4/2018 – 1/2019
Designed and developed full stack web application for agriculture farm management information system. Authentication and Authorization through OAuth 2.0 and ADFS. RazorPages with CSS3, HTML, jQuery and Bootstrap 4. C# middle tier calling RESTful APIs. Using Auth0, SwaggerHub, Jira, Confluence, Azure, Visual Studio 2017 and Git.

Boomerang Computer Solutions, Inc., Naperville, Illinois, **Software Engineer/Owner**; 7/2004 – Present
Designed and developed multiple applications and websites using Microsoft and open source technologies. Websites built in C#/.NET accessing SQL Server databases and PHP/MySQL. User Controls, CSS, JavaScript, jQuery, AJAX, WCF, XML, RESTful and Web Services. WinForms, Console applications and services in C#. Integration with Sitefinity and netFORUM.

Redbox Automated Retail, Oakbrook Terrace, Illinois, **Web UI Developer Consultant**; 3/2017 – 12/2017
Enhanced existing web applications and websites using C#, ASP.NET, MVC, Web Api, web services, HTML, CSS, Bootstrap, JavaScript, jQuery and SQL Server 2014.

ATI Physical Therapy, Bolingbrook, Illinois, **Sr. Software Engineer Consultant**; 9/2012 – 11/2016
Maintained existing and developed new applications and websites using C#, ASP.NET. WebForms, MVC, JavaScript, jQuery, XML and SQL Server 2012/2014. Built web services and APIs in SOAP/ASMX and WCF Data Services. Designed and built tables, stored procedures, views and functions. Optimized stored procedures for scalability. Led small team of developers in Agile environment.

Restaurant.com, Arlington Heights, Illinois, **Sr. Software Engineer, Application Development Mgr**; 6/2007 – 8/2012
Managed developers responsible for over a dozen websites and dozens of back end systems and processes. Implemented enterprise wide roll out of Omniture SiteCatalyst. Grew I.T. staff from 4 to over 55. Responsible for enterprise-wide SharePoint rollout and administration. Responsible for application deployments and configuration management across all environments. Responsible for daily production support issues. Managed team of off-shore developers assisting on-site development team.

Pinnacle West Capital Corp., Phoenix, Arizona, **Senior Analyst/Integrator**; 2/2001 – 7/2004
Designed and developed client/server and n-tier human resources, accounting and time tracking systems. Assisted with the ongoing enhancements of the main APS.com website.

NRT Incorporated, Mission Viejo, California, **Senior Developer/Analyst**; 7/2000 – 1/2001
Designed and developed n-tier intranet systems utilizing Visual Basic (VB6), COM, VB Script, Classic ASP, XML, HTML and SQL Server.

Cotelligent, Inc., Irvine, California, **Senior Information Systems Consultant**; 5/2000 – 7/2000
Developed n-tier eCommerce websites using Visual Basic 6 (VB6), COM+, XML, JavaScript, DHTML and SQL Server 7.

Epicor Software Corporation, Irvine, California, **Principal Software Engineer**, 11/1997 – 5/2000
Client/server and n-tier application and website development of accounting system software.

APR Consulting, Diamond Bar, California, **Consultant**; 2/1996 – 10/1997
Client/server application development using Access, Sybase, SQL Server and Visual Basic.

Dataware Technologies, Inc., Boulder, Colorado, **Lead Software Engineer**; 1/1995 – 2/1996
Developed custom applications for clients using Visual Basic, Access, PowerBuilder and C/C++/MFC.

TCI Corporation, Lafayette, Colorado, **Software Engineer/Owner**; 2/1991 – 1/1995
Developed custom applications for clients using C/C++, MFC, Visual Basic, Greenleaf CommLib, Access, PowerBuilder, WatcomSQL, Oracle and SQL Server.

Boulder Technical Education Center, Boulder, Colorado, **Technical Instructor**; 2/1988 – 2/1991

IBM Corporation, Boulder, Colorado, **Software Engineer**; 2/1988 – 2/1991
Developed DOS, Windows 2.x, OS/2, VM, MVS and OS/400 applications.

Last revised on 2020-12-09