

Clint McMahon

Sr. Software Developer

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Skills

Languages: C#, SQL, JavaScript, PHP, Python, Java

Databases: SQL Server, MySQL, PostgreSQL, Oracle, DB2

Frameworks: ASP.NET, .NET, .NET Core, MVC, WebAPI, React, React Native, Angular, jQuery, WordPress, REST, IIS, SharePoint, LINQ, CSS, JavaScript, Git, SVN, WCF

Soft Skills: Project management, technical specifications, budgeting, mentoring

Experience

Hennepin Healthcare Research Institute (HCMC) / Consultant

AUGUST 2018 - PRESENT, MINNEAPOLIS, MN

- Designed, architected and developed ASP.NET Core WebAPI web services and React JS frontend product to enable potential organ donor recipients to search & compare organ transplant centers throughout the country.
- Create data processes via SQL Server to securely transfer organ transplant data from multiple data sources into a single repository.
- Consult with doctors, research staff and other developers to identify technology strategy and best practices.

The Sartell Group / Consultant

JUNE 2018 - SEPTEMBER 2018, MINNEAPOLIS, MN

- Worked alongside other developers in the design and development of an online audit system utilizing Angular, C# WebAPI, REST and Teradata.
- Developed Angular reusable data access services to allow other components to reuse database and API connections.
- Built Angular JWT authentication provider to provide log in services, user management, authentication and authorization functionality in combination with MS Identity framework.
- Improved overall application performance & through centralized services, code reuse and building reusable components. Introduced CI/CD processes into the development workflow via GitLab.
- Mentored developers in design patterns, CI/CD processing and code reviews.

Hennepin Healthcare Research Institute (HCMC) / Consultant

JANUARY 2018 - PRESENT, MINNEAPOLIS, MN

- Worked in conjunction with research staff and doctors to develop a C# MVC living organ donor collection application to study the long-term outcomes of living organ donation of transplant programs across the country.
- Securely collected and stored PII and other transplant donor information from over 250 transplants centers from around the country in SQL Server 2016.
- Implemented Always Encryption, SSL and encryption in transit between database and web servers to protect sensitive data.
- Mentored developers in new methodology, technology, best coding practices and code reviews.

Strax Americas / Consultant

JANUARY 2017 - JANUARY 2018, MINNEAPOLIS, MN

- Integrated Shopify e-commerce platform into existing third party static HTML/JS custom website via .Net C# WebAPI to enable current users of the website to seamlessly shop available products and securely checkout items without the need to rewrite the existing front end application. By bridging the gap between the existing website and Shopify the client was able to add a new e-commerce presence into their website needing to rewrite their existing product.

Eastern Carver County School District / Consultant

JUNE 2016 - JANUARY 2017, MINNEAPOLIS, MN

- Designed, architected and developed a district wide, fully responsive Intranet portal that brings together teachers and staff of the sixteen different schools within the district. Allowing district employees to easily upload and share documents, create custom content, communicate effectively, access employee forms all in one secure platform.

University of Minnesota / Consultant

JUNE 2015 - JUNE 2016, MINNEAPOLIS, MN

- Developed and integrated a new credit card gateway platform in C# into existing online course application written in ASP.NET MVC. The application integrates with Authorize.net to validate and charge students for online courses using the credit card information provided

E-Group / Consultant

DECEMBER 2014 - JUNE 2015, MINNEAPOLIS, MN

- Development for E-Group's eFan platform with C#, MVC 5, WebAPI to connect professional sports teams, their fans and ticketing systems to provide a complete view of customer activities as well as season ticket renewal via TicketMaster/ProVenue API integration.

Robins Kaplan / Sr. Developer

NOVEMBER 2013 - DECEMBER 2015, MINNEAPOLIS, MN

- Developed C# 4.5 MVC application to give attorneys full text search capabilities of patent specific documents. Empowering them to find the right results in less time and craft better arguments with less work.

Wolters Kluwer / Tech Lead

FEBRUARY 2011 - NOVEMBER 2013, NEW YORK CITY, NY

- Tech lead in the development, architecture design and implementation of multi-language .Net applications utilizing SQL Server & Oracle backend databases, C# web parts and custom feature deployment.

Thomson Reuters / Sr. Developer

DECEMBER 2006 - FEBRUARY 2011, CHICAGO, IL

- Lead developers in the development, design, and implementation of high profile legal websites and systems using C# ASP.NET and SQL Server.

Wells Fargo / Sr. Developer

JUNE 2005 - DECEMBER 2006, MINNEAPOLIS, MN

- Developed C# Risk Management application that integrates with the Bloomberg API to manage trading activity within the WFC brokerage desk.

McKesson / Developer

OCTOBER 2003 - JUNE 2005, MINNEAPOLIS, MN

- Developed a data driven dynamic ASP.Net/C# interface for reporting hospital pharmacy data metrics of over 200 acute care pharmacy sites.

Inetium / Developer

JANUARY 2003 - OCTOBER 2003, MINNEAPOLIS, MN

- Built strategic CMS applications for high profile clients in C#, ASP.NET & SQL Server.

Wells Fargo / Developer

MARCH 2001 - JANUARY 2003, MINNEAPOLIS, MN

- Developed multi-tier Stock Options Services Web site for bank clients using classic ASP.

Open Source Projects

Tap In Guide

Tap In Guide is multi-tier application with a web front end developed using the latest version of React and JavaScript, a mobile application for both iOS and Android developed using React Native and an admin CMS built in Python and Django. The mobile applications share the same data source as the website utilizing an API built with the Django Rest Framework.

Tamale Tracker

A crowd-source Twitter retweet service written in Python that retweets people's tweets in real-time as they see the tamale guys selling tamale around the bars in Chicago.

Education

Metropolitan State University / MIS