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## TECHNOLOGIES / PRODUCT / SKILLS

ASP.Net	jQuery	MS SQL / T SQL
C#	Angular	MySQL
WPF / MVVM	Node.js	Oracle
WCF	SAIL	Access
REST	HTML 5	AS400 / DB2
MVC / .Net CORE	AJAX	Sybase
Program Architect	Vue.js	AngularJS

## PROFESSIONAL EXPERIENCE

### September 2019 to Present JustACRM

#### Architect/Developer

JustACRM is my own project to create a simple, online Rolodex without the complications inherent in most online contact resource management software. I've worked in .Net Core, Angular 7, and Vue.js in addition to other JavaScript technologies. I architected the overall program using CQRS.

### May 2019 to September 2019 Contract Developer for Emerson

#### Developer

Emerson needed a stand-in programmer with threading and async experience to redevelop a web service as an input/output device. I worked with C# and standard MS web services to write a program which worked in tandem with several others.

### December 2018 to Jan 2019 Contract Architect for SnapShot

#### Site Architect

SnapShot provides web services to several health care clients, and needed to revamp their structure from a group of independent platforms to one solid solution with specific search engine and SEO requirements, and a custom API for Salesforce.com. This position required the use of C# / ASP.Net, as well as JavaScript for the UI in a ZNode and Sitefinity environment. Spent part of this time learning Angular.

### Jul 2018 to September 2018 Contract Development for DPRA

#### QA / Software Testing in WPF

DPRA needed an experienced developer to upgrade their existing program as they sought to earn another extension to their existing contract with the military. I came in and removed some significant bugs, and they received the contract. I can't go into more detail on the assignment based on their confidentiality requirements. I worked with REACT and .Net Core 2.0 as well as WPF/MVVM at this opportunity. This was also my first introduction to Angular, as I helped them move the software to a web format.

### Nov 2012 to September 2018 Contract Development for Boeing

#### Senior Developer/Team Leader

Boeing had a problem with outdated software, insufficient for its needs, and an IT department unable or unwilling to upgrade it. I was brought in to move Windows apps designed through Access to Intranet-based solutions. I created a team which spurred on the development and resulted in improved tracking and customer management software for their Supply division. My one-year contract was extended over seven times while over 1,000 IT department personnel were released. I advised Boeing personnel at the CEO / Vice President / Director level and helped introduce Boeing to MVC, jQuery and other similar technologies, as well as completely architecting their 'Keep Up To Date' program, which maintains every part for every plane, along with their supply information and on-time status, in production.

While at Boeing, I developed a SPA using Angular in order to provide a quick-access site for supervisors to trace an employee's chain of command. This became a much-used resource for upper-level management who wanted to integrate teams from multiple locations in Boeing for new projects. I also integrated with their existing WebAPI and REST services to integrated data generated from my systems to update their standing data.

*Robert W. Brady, Jr.*  
*C# Developer*

**July 2012 to October 2012      Contract Development for GBA      Senior Developer**  
GBA's CRM software was outdated and needed an upgrade. I set the groundwork for their new solution (architected the new database and outlined the software) and helped to hire the junior developer who would implement it. This was a WPF 4.0 solution using MVVM and MS SQL

**May 2012 to July 2012      Contract Development Regions Bank      Senior Developer**  
Regions Bank created a Nashville office for the purpose of addressing their severely outdated software. I was brought in to help with data modeling and front end development, in order to create user-friendly interfaces for customers and employees in their Mortgage Lending division. One example of this was an interactive map in jQuery / HTML 5 where users could drill down from the state to the individual borrowers in order to find resale opportunities. Another was an email engine which culled addresses from their mainframe database to an app which would send opportunities to existing customers.

**January 2012 to March 2012      Contract Development for US Navy      Senior Developer**  
The Navy's internal-use credit card system was outdated and needed to be upgraded. I was brought in to help design the core structure in MVP. The contractor which I was working for changed directions and this opportunity was short-lived.

**April 2011 to December 2011      Wintellect, LLC      Corporate Development**  
Wintellect's own website had basic design flaws which made it less effective. I was employed to take charge of it and of Wintellect's internal network, redesign both and architect a more efficient structure. I created a new CRM solution for their site in coordination with their Marketing Manager and was able to simplify their internal network and reduce the cost of internal operations.

I've sustained excellent contacts with Wintellect which have been an asset from then to now.

**July 2010 to April 2011      Tennessee Valley Authority      Senior C# / Team Leader**  
TVA was more than 100 days behind in their billing project and hemorrhaging capitol. I put the project back ahead of schedule and took on other solutions while there. I upgrade them from Visual Basic to C#, corrected many glaring errors in their security and rewrote and streamlined their data layer.

**December 2009 – June 2010      Big Mama Digital Entertainment, Inc      Web Development Manager**  
BMDE had a problem with website errors in a sales environment which depended heavily on their e-commerce solution. I redesigned their website, their billing software and their delivery. I managed a team of as many as five people, consulted on partnerships with other providers and was generally their go-to IT person after the CIO. While BMDE would ultimately fail from having too many irons in the fire, I made their CD sales portion profitable for the first time in years.

**October 2008 – December 2009      Regal Entertainment, Inc      Systems Analyst III**  
Regal developed some of their software needs and contracted others. I was able design the software they needed and to help hire the companies who would provide for them. Regal was able to use my expertise to engineer an e-commerce solution and develop their own scheduling software nationwide. I took them from Windows apps to Intranet solutions and from Delphi / AS400 to C#.

**MAR 2008 – October 2008      Universal American, Inc      Senior Developer/ SQL DBA**  
UAC hired me to troubleshoot a commission program called FASAT by SunGuard, which was in its sixth month of a three month development cycle. Their IT department deployed a hybrid of Windows apps in C# and VB.Net. I rewrote stored procedures and updating billing software and cashless transfer between accounts in the sixteen different insurance groups owned by UAC. I solved their problems with FASAT and trained their IT department (an AS400-based division) in MS SQL.

Robert W. Brady, Jr.  
C# Developer

**Feb 2007 – Jan 2008                      Volo Communications, Inc                      Senior Programmer/ Website Architect**

Volo's **Click4Me.net** website had usability issues which made it unprofitable. Volo was an ILEC portal which billed IP telephony / least cost routing to companies such as Vonage, and ClickForMe was a social interactive solution for web users who wanted to make free calls nationwide. I rewrote the site, managed its deployment and ran a team of six developers focused on other projects. ClickForMe was cross-platform and eventually included a CRM. I spent a lot of time streamlining the data layer in a high-intensity, MS SQL environment as well as managing the site and the team.

**June 2000 – April 2006                      Integration Wizard, Inc                      CEO**

Integration Wizard grew from the back porch in my home to a 3800 sq ft building where I employed between one and ten developers, graphic artists and administrative staff in a 'software on demand' environment. As well as creating original software and consulting, we supported existing and new web sites, CRM's such as ACT! and GoldMine and integrated software applications such as 'Loving Touch,' a biometric-oriented CRM for church day cares.

Integration Wizard was one of the premier and best-known integrators with the GoldMine CRM of its time, with over 1,000 clients worldwide. I would interface with these clients, analyze their needs and assign personnel and assets to meet their requirements **UNIQUE APPLICATIONS and PUBLICATIONS**

- **Web Magik II:** a web service in **ASP.Net** in **VB.Net** which allows two-way communications between any web page on any web site and GoldMine's Borland 5.0 backend, encompassing a technology that has baffled the developers of GoldMine for the last three years. This was created originally as a consignment for Yale University, which itself was unable to solve the problem of integration.
- **IW Extreme:** a custom CRM which works on the Internet and in Windows at the same time. Includes its own Chilkat-based Conjoined Email Engine and unique updating and alarm engines. Incorporates modules for accounting, service help desk and multiple format selection.
- **SQL Chicken:** an all-in-one, multi-database utility for use by programmers like myself, who need to be able to investigate and change existing back ends in SQL, MySQL, Access and dBase IV
- **The Dynamic Data Dictionary:** © 2006 by Robert W. Brady, JR. – a descriptive manual describing how to design a bullet-proof data engine in MS SQL using VB.Net or C# and T-SQL. The DDD teaches how to program using only one Insert and one Update statement, even when using stored procedures.

**EDUCATION / TRAINING / CERTIFICATIONS**

- BA, Political Science, University of Connecticut
- Naval RCM School, Charleston, SC
- Naval Nuclear Power School
- Naval Electronics Technician Apprenticeship School
- Author of 'The Fovean Chronicles'
- Author of 'The Dynamic Data Dictionary'