

RYAN RUSSON

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PROGRAMMING & SOFTWARE SKILLS

C#/.NET 1.1 - .NET 4.6	OOP/ SDLC/ Unit Testing	Visual Studio 2005-2015
ASP.NET/ MVC /MVVM	SOAP/ WCF/ REST/ Web API	LINQ/ Lambdas/ Async
JavaScript/ jQuery/ AJAX	SQL Server 2005 - 2014	TFS/ VSTS 2012/ VSO
LINQ to SQL/ Entity Framework	T-SQL/ SSIS/ Database Design	XML/ XSLT/ XAML

OTHER PROFESSIONAL SKILLS

Project Planning & Analysis	Scrum and Agile Process	Advanced Statistics
Spanish Language Proficiency	Database Theory & Optimization	GoF Design Patterns
Code and SQL Best Practices	Application Architecture & Design	Data Mining/ Analytics

EDUCATION

MS - Management Information Systems	[GPA: 3.89]	U. of South Florida, Tampa, FL
BS - Cum Laude, Psychology	[GPA: 3.76]	U. of Washington, Seattle, WA

WORK EXPERIENCE

Sr. Software Engineer PAR Technologies, Boca Raton, FL 08/2015 - Present
<http://www.partech.com>

- Developing features for flagship mobile application on Android, iOS, and Windows Mobile, using Xamarin Forms with C#, VS 2013, TFS, MVVM Cross, SQLite, and other tools/technologies
- Evangelizing best practices and refactoring existing code to meet standards
- Creating unit tests for all new work using MOQ (mocking library) and VS test projects
- Designing concurrent, thread-safe systems, using async/await and other concurrency patterns
- Conducting screenings and interviews for senior-level developers and outsourced contractors

Contract Developer SRT Wireless, Davie, FL 04/2015 - 08/2015
<http://www.srtwireless.net>

- Worked on backend and middle tiers for highly-distributed, multi-threaded WPF applications, using sockets to communicate with 802.11-based wireless hardware using C#, LINQ/Lambdas, VS 2013, ReSharper, TFS, TeamCity (continuous integration), OzCode (debugging), and other tools
- Designed and implemented robust state machine for handling all potential operational conditions and changes
- Created unit tests for all new classes using MOQ and VS test projects
- Used profiling tools to optimize code for a high-speed lookup library
- Created class diagrams, state diagrams, test plans, and other project artifacts

Sr. Software Developer Fleet Advantage, Fort Lauderdale, FL 12/2012 - 03/2015
<http://www.fleetadvantage.net>

- Developed REST-based web services using Web API and consuming REST, SOAP, and WCF web services using .NET proxies, XML deserialization, and JSON.net
- Created and maintained utility apps and complex ETL pipelines using C#, Entity Framework, LINQ, SQL, VS 2013, AutoMapper, JSON.net, SQL Server Management Objects (SMO), SignalR, screen scraping, and web service integrations
- Implemented migration of business data from MS Access to SQL Server and re-architected disorganized data into third normal form, relational tables
- Provided general technology guidance for small office, including database architecture, server provisioning, staffing, and infrastructure consolidation

- Senior/Lead Developer** Liberty Power Corp., Fort Lauderdale, FL 12/2010 – 03/2012
<http://www.libertypowercorp.com>
- Architected, developed, and maintained web applications using C#, AJAX patterns, ASP.NET, Entity Framework, jQuery, LINQ, T4 templates, TFS 2010, T-SQL, VS2012, and WCF
 - Created extensible event logging and processing service, customized to business needs, using OO patterns
 - Refactored, updated, and augmented legacy systems to .NET 4.0, C# code using current technologies
 - Coordinated, mentored, evangelized, and delivered training in current Microsoft technologies and best practices
 - Provided ALM process guidance, training, and assistance in migration to TFS/VS 2012
- Software Engineer III** Kaplan Higher Education, Fort Lauderdale, FL 11/2008 – 12/2010
<http://www.kaplan.com>
- Developed software and database structure/integration for a podcast CMS, a social networking portal, and other complex web portal features used by tens of thousands of Kaplan customers
 - Conducted frequent technical interviews, phone screens, and evaluation of senior programming talent
 - Architected, created technical specifications, developed, and upgraded web applications using C#, AJAX, MVC 1.0, ASP.NET, jQuery, LINQ to SQL, T-SQL, WCF, CodeSmith, VSTS 2008, and related technologies
- Lead Developer/Manager** Mutual Service Corp., West Palm Beach, FL 06/2007 – 11/2008
<http://www.mutualservice.com>
- Prioritized, delegated tasks, assisted, mentored, managed, and lead a team of four developers
 - Designed, developed, performed troubleshooting, and upgraded web and desktop applications using AJAX, ASP.NET, C#, JavaScript, XML, XSL, HTML, CSS, SQL, SSIS, and associated technologies
 - Supported and maintained existing applications; upgraded same to current development standards
 - Trained IT staff in object oriented programming, coding best practices, and emerging technologies
- Sr. Developer** Learn.com, Sunrise, FL 10/2005 – 06/2007
<http://www.learn.com>
- Developed and maintained C# web-based application for a large, high-availability LMS/CMS system
 - Performed troubleshooting, maintenance, and upgrading of classic ASP and SQL legacy code base
 - Created requirements documents and technical specifications for new functionality
 - Resolved support and quality issues for applications/services hosted on company and client servers
- Developer** Office Depot Inc., Delray Beach, FL 11/2004 – 10/2005
<http://www.officedepot.com>
- Architected, created, and redesigned databases and web applications to support accounting and financial systems [technologies used: ASP, ASP.NET, JavaScript, VBA, VS2005.NET, and SQL Server 2000]
 - Created and performance tuned complex T-SQL stored procedures, DTS packages, views, triggers, etc.
 - Built and modified cubes and MDX queries using MS Analysis Services and proprietary reporting tools
- Contract Programmer** Ryder System Inc., Miami, FL 10/2002 – 11/2004
 MAPEL Inc., Deerfield Beach, FL
 PC Universe, Boca Raton, FL
 G. Neil Inc., Sunrise, FL
 American Express, Weston, FL
 PriceWaterhouseCoopers, Tampa, FL
- Architected and created databases and scalable, enterprise web applications with rich interfaces and complex business logic including:
 - Automated vendor accountability reporting
 - Content management systems
 - Employee PTO scheduling, administration, and tracking
 - Enterprise-wide infrastructure and equipment inventory management
 - Online shopping carts with product catalog management
 - Real-time factory status and monitoring
 - User registration systems
 - Integrated legacy EDI systems with web site; worked with vendors to troubleshoot EDI systems; and reverse engineer undocumented internal and 3rd party applications
 - Provided assistance to less experienced developers, advised project sponsors on technical issues, created interface prototypes, and helped management to develop coding standards and best practices
 - Trained and tutored other team members in the use of Microsoft SQL Server