

RYAN RUSSON

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PROGRAMMING & SOFTWARE SKILLS

C# 1.0 - 7.0/ .NET 1.0 - 4.7	OOP/ TDD/ IoC/ DI / DevOps	Visual Studio/ TFS/ Git
ASP.NET/ MVC/ MVVM	SOAP/ WCF/ REST/ Web API	Async/ Concurrency
JavaScript/ jQuery/ Bootstrap	SQL Server/ NoSQL DBs	GoF Design Patterns
LINQ/ Entity Framework	T-SQL/ Database Optimization	XML/ HTML/ CSS/ XAML

OTHER PROFESSIONAL SKILLS

Project Planning & Analysis	Scrum & Agile Methodologies	Database Theory
Code & Data Best Practices	Application Architecture & Design	TFS Administration

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

Software Developer III MobileHelp, Boca Raton, FL 02/2017 - Present
<http://www.mobilehelp.com>

- Developing and maintaining web applications and ETL utilities using C#, MVC, Asp.NET, jQuery, JSON, Bootstrap, Web API, SQL, VS2017, Autofac (DI library), Code Contracts, MOQ (mocking library), Git, and other technologies
- Evangelizing best practices, unit testing, optimization, and refactoring existing code to meet basic standards
- Integrating third party services (e.g. AWS, Twilio, etc.) with web applications to add functionality and improve data
- Extensive refactoring of C#, SQL, UI, and JavaScript to promote better reuse, maintenance, and optimization

Sr. Software Engineer PAR Technologies, Boca Raton, FL 08/2015 - 02/2017
<http://www.partech.com>

- Developed features for flagship mobile application, using Xamarin Forms with C#, VS 2013, TFS, MVVM Cross, SQLite, MOQ, MS Intellitest, MS unit tests, and other tools/technologies
- Designed concurrent, thread-safe systems, using async/await and other patterns
- Created proof-of-concept app using Typescript, Sails, Ionic2, Angular2, Node.js, Gulp, and MongoDB
- Conducted 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
- 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 - 04/2015
<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, SSIS, SignalR, screen scraping, FTP, 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

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
- 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 application for a large, high-availability LMS/CMS system
- Performed troubleshooting, maintenance, and upgrading of classic ASP and SQL legacy code base

Developer Office Depot Inc., Delray Beach, FL 11/2004 – 10/2005<http://www.officedepot.com>

- Architected, created, and redesigned databases and web apps to support accounting and financial systems
- Created and performance tuned complex T-SQL stored procedures, DTS packages, views, triggers, etc.

Contract Programmer Ryder System Inc., Miami, FL 10/2002 – 11/2004

MAPEI Inc., Deerfield Beach, FL
 PC Universe, Boca Raton, 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