

RYAN RUSSON

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TECHNICAL SKILLS

C# 13, .NET 9, .NET Core	JavaScript, jQuery, TypeScript	ASP.NET, MVC, MVVM
REST, SOAP, Web API	HTML, CSS, XML, XAML	Xamarin Forms, .NET MAUI
OOP, IoC, Dependency Injection	SAST, OWASP Standards	SOLID, GoF Design Patterns
LLM Integration, Ollama, MCP	TDD, Unit Tests, Postman Tests	AWS, S3, SNS, SQS
MS SQL Server, NoSQL DBs	T-SQL, Database Optimization	LINQ, Entity Framework

OTHER PROFESSIONAL SKILLS

Project Planning & Analysis	Application Architecture & Design	Source Control Admin.
Process Improvement	Basic Spanish Fluency	CI/CD Automation, DevOps
Code & Data Best Practices	Scrum, Agile, Kanban	Technical Documentation

PROFESSIONAL EXPERIENCE

Software Developer III MobileHelp/Medical Guardian, Boca Raton, FL 02/2017 – 06/2025
mobilehelp.com / medicalguardian.com

- Developed and maintained web applications, APIs, and utilities using C#, MVC, Asp.NET, jQuery, JSON, Bootstrap, Web API, SQL, VS 2022, VS Code, Autofac [DI library], MOQ (mocking library), Git, and other technologies
- Lead monthly group on best practices, unit testing, optimization, coding standards, and SOLID design principles
- Set up automation for GitHub, Sonar code linting, Dependabot, Jira, Bamboo (builds/deployment), and testing
- Created and integrated AWS message queues (SQS), subscriptions (SNS), S3 storage, and other services
- Integrated third party services [e.g. Pitney-Bowes, Twilio, Velocify, WhitePages, etc.] with web/console applications
- Screened, interviewed, tested, and evaluated applicants for senior-level programming positions
- Created complex ETL jobs with SQL Server, custom apps, and service integrations to manage customer data
- Extensive refactoring of C#, SQL, UI, and JavaScript to promote better reuse, maintenance, and optimization
- Created microservices using .NET Web API, OpenAPI, and AWS Lambdas written in TypeScript

Sr. Software Engineer PAR Technologies, Boca Raton, FL 08/2015 – 02/2017
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 (now Bluehalo), Davie, FL 04/2015 – 08/2015
bluehalo.com

- 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 with VS test projects and created simple performance tests
- Created class diagrams, state diagrams, test plans, and other project artifacts

Sr. Software Developer
fleetadvantage.net

Fleet Advantage, Fort Lauderdale, FL

03/2013 – 04/2015

- 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
- Migrated business data from MS Access to SQL Server and re-architected data into third normal form

Lead Developer

Liberty Power Corp., Fort Lauderdale, FL

12/2010 – 03/2013

- 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/Lead

Kaplan Higher Education, Fort Lauderdale, FL

11/2008 – 12/2010

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

- 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 (now Oracle Learn Cloud), Sunrise, FL

10/2005 – 06/2007

learn.oracle.com

- Developed and maintained C# webforms application for a large, high-availability LMS/CMS system
- Performed troubleshooting, maintenance, and upgrading of classic ASP and SQL legacy codebase

Developer

Office Depot Inc., Delray Beach, FL

11/2004 – 10/2005

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.

EDUCATION

MS - Management Information Systems

MA - Psychology

BS - Cum Laude, Psychology

U. of South Florida, Tampa, FL

U. of South Florida, Tampa, FL

U. of Washington, Seattle, WA