

# DOUGLAS FARRELL

## Senior .NET / SQL Consultant | Business-Critical Systems

Hands-on Microsoft-stack consultant for companies that cannot afford broken payroll, operations, reporting, or data systems.

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Remote / Contract Consulting

### UNIQUE VALUE

- Production-minded coder who can still fix SQL, C#, ASP.NET Web Forms, IIS, and real-world bugs.
- Modernization bridge: stabilize old systems first, then move them forward without breaking operations.
- Business translator who turns messy requirements into working software.
- Entrepreneurial operator who builds systems, not just tickets.

### CORE STACK

C# / ASP.NET Web Forms / .NET / Blazor / MVC / SQL Server / T-SQL / Stored Procedures / IIS / Azure / JavaScript

### BEST-FIT CONTRACT WORK

- Business-critical .NET / SQL systems.
- ASP.NET Web Forms support with a path to modern .NET.
- Payroll, operations, reporting, and workflow automation.
- Remote production ownership for systems already in use.

### PROFESSIONAL PROFILE

Senior software consultant and founder with 30+ years of experience rescuing, modernizing, and supporting business-critical Microsoft-stack software.

Strongest where old code, business pressure, SQL logic, and operational reality meet: payroll, timekeeping, operations, reporting, reservations, call centers, and internal workflow systems that companies need to keep running while they improve them.

Comfortable owning the full lifecycle: discovery, database design, coding, testing, deployment, hosting, documentation, support, and ongoing client communication.

### KEY HIGHLIGHTS & IMPACT

- **Cost Reduction:** Replaced expensive third-party timekeeping/workflow tools with custom systems, including a Del-Air platform credited with approximately \$20K/month in software cost reduction.
- **Scale:** Supported mission-critical payroll, timekeeping, piece-rate calculations, and field data operations for a large service workforce.
- **Versatility:** Built long-running data-driven applications for aviation recruiting, call centers, marketing operations, reservation systems, ecommerce/search, and nonprofit workflows.

## PROFESSIONAL EXPERIENCE

### AttUNE Software LLC - Founder / Product Builder | 2025 - Present

*Product venture: relationship intelligence SaaS built with modern .NET architecture.*

- Building AttUNE using .NET 8 Blazor Server, Azure SQL, EF Core, ASP.NET Identity, Azure App Service, and custom scoring/workflow logic.
- Combining hands-on coding with product strategy, UX, brand positioning, and founder-led market testing.

### Del-Air Heating and Air Conditioning - Senior .NET / SQL Consultant | 2018 - 2026

*Business-critical payroll/timekeeping rescue, modernization, and production support.*

- Reverse engineered and stabilized legacy HR/timekeeping software after the original developer left unexpectedly, protecting payroll continuity while the replacement path was designed.
- Designed and built Time For Del-Air, a custom ASP.NET/C#/SQL Server platform supporting production payroll operations, field timekeeping, piece-rate calculations, and a large service workforce.
- Integrated field data processes and replaced expensive third-party tools, reducing software costs while improving control, maintainability, and business visibility.
- Provided long-term production support, troubleshooting, database updates, reporting, and user-driven enhancements.

## Dotnet Global (Dotnet International, Inc.) - Owner / Independent Consultant | 1996 - Present

Long-running consulting practice for custom systems, legacy modernization, hosting, production support, and business-critical workflows.

- Built and supported custom web applications, databases, reporting tools, intranet systems, and operational workflows that became part of day-to-day business operations.
- Managed the full lifecycle from business discovery and technical design through coding, testing, deployment, documentation, hosting, and support.
- Specialized in ASP.NET Web Forms, MVC, C#, SQL Server, stored procedures, IIS, Windows Server, Azure, HTML/CSS, and JavaScript.
- Developed a reputation for being deeply technical and easy for non-technical stakeholders to work with.

## ADDITIONAL SELECTED PROJECTS

### Grand Celebration Cruise / Universal Marketing | 2015 - 2018

Built gift-card, registration, port-fee, reservation-code, tracking, and reporting systems using ASP.NET, C#, MVC, SQL Server, stored procedures, Azure, Google Analytics, and Google AdSense.

### EverythingCatholic.com | 1999 - 2018 (Modernized 2014 - 2018)

Built and modernized a Roman Catholic search engine from Classic ASP/SQL Server into an MVC-based platform with database-cleaning utilities, crawler functionality, hosting, maintenance, and monetization.

### SportsRez.com / Hospitality Reservation System | 2013 - 2015

Created a development environment for a reservation application combining Classic ASP, ASP.NET Web Forms, MVC, WordPress, PHP, and MySQL; added WCF integration for EZYield inventory management.

### Orlando Orange County Expressway Authority | 2012 - 2013

Upgraded DNN/IIS for PCI compliance and reworked procurement functionality to reduce steps and improve productivity; collaborated with communications, IT, department heads, and outside design resources.

### Elite Options / Call Center Systems | 2002 - 2013

Designed SQL Server databases and ASP.NET Web Forms interfaces for call-center data, insurance enrollments, payments, commissions, dialer systems, and overseas developer coordination.

### HQ Aero Management / Data Processing Services / Florida Literacy Coalition | 2006 - 2013

Converted Access systems to SQL Server and built intranet, field ordering, FTP fulfillment, and nonprofit book-exchange workflows using ASP.NET, C#, SQL Server, and IIS.

## TECHNICAL SNAPSHOT

<b>Languages &amp; Frameworks</b>	C#, ASP.NET Web Forms, ASP.NET MVC, .NET Framework, .NET 8, Blazor Server, Web API, JavaScript, jQuery, HTML, CSS
<b>Database &amp; Data</b>	SQL Server, Azure SQL, T-SQL, Stored Procedures, Database Design, Reporting, Workflow Automation
<b>Cloud / Server / Dev Tools</b>	Azure App Service, Microsoft Azure, IIS, Windows Server, Visual Studio, Git/GitHub, deployment and hosting support

## EDUCATION

### Bachelor of Science in Business Administration | Central Michigan University

Finance major, Marketing minor