

Michael Williams // MW DevStudio

Full-Stack Systems Engineer | C# & .NET Specialist

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CURRENT_DIRECTIVE: Leveraging 18+ years of engineering stability to provide freelance clients with high-fidelity, autonomous system development and architectural consulting.

> IDENTITY_SUMMARY Highly disciplined Full-Stack Developer specializing in the architecture and deployment of secure, high-performance C# systems. Expert in WPF engineering and Blazor WebAssembly, with a focus on building "tactical" user interfaces that prioritize data density and system telemetry.

> CORE_CAPABILITIES_DIAGNOSTIC

- SYSTEM_LANGUAGES: C# (10/10), .NET 8/9, SQL Server, XAML, JavaScript
- INTERFACE_ENGINE: Blazor WASM, WPF (MVVM), WinUI 3, CSS3/Neon-Grid
- CLOUD_INFRASTRUCTURE: Azure (DevOps), REST API Integration, AES-256 Encryption
- OPERATIONAL_TOOLS: Git, Visual Studio Enterprise, Docker, CI/CD Pipelines

>DEPLOYMENT_HISTORY (Work Experience)

SOFTWARE ENGINEER | [NoLand Engineering] December 2005 - Present

- STRATEGIC_INITIATIVE: Architected and deployed bespoke WPF Desktop suites to interface with proprietary hardware, optimizing manufacturing telemetry and real-time data visualization.

- SYSTEM_MAINTENANCE: Oversaw full-lifecycle management of corporate web infrastructure and e-commerce nodes, ensuring 99.9% uplink availability and secure transaction processing.

> PROJECT_MANIFEST (Key Projects)

- SIMPLE_IMAGE_VIEWER: A simple WPF application to view all images in a selected folder.
- NOW_SHOWING: A Blazor Web Assembly application that gives up to date movie showing information. Information is received from data received from the API, TMDB movie API.
- MEDIA_MOSAIC: Developed a server-side interactive logic engine utilizing REST API handshakes for dynamic content delivery.
- LOAN_SHARK: Engineered a high-precision financial logic module for real-time amortization modeling and data grid rendering.
- SYSTEM_DIAGNOSTIC_V4: A Blazor-based live telemetry dashboard (The one we just built!), built into my portfolio page.

> ACADEMIC_UPLINK // FIELD_TESTED STATUS: AUTODIDACTIC // SYSTEM_MASTERY

- Core Logic: Mastered C# and .NET ecosystem through 5,000+ hours of independent research, development, and deployment of complex system architectures.
- Theory Application: Implementation of SOLID principles and Design Patterns across 10+ active "Project Manifest" modules.
- Continuous Integration: Daily technical literature consumption including Microsoft Documentation and community-driven architectural reviews.