

CHRIS WILEY

Welland, ON | wileysoftware@gmail.com | 289-241-8953

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

A results-oriented Software Developer specializing in C#, .NET, and Blazor, backed by over 5 years of rigorous Quality Assurance experience and a nearly 30-year foundation in Information Technology. Combines a deep understanding of the entire Software Development Life Cycle (SDLC) with hands-on expertise in building multi-tenant web applications, RESTful APIs, and modern UIs. Adept at leveraging AI tools and large language models to accelerate debugging, optimize architecture, and resolve complex code issues efficiently. Brings a critical, quality-first mindset to software engineering, ensuring robust architecture, secure data handling, and comprehensive test coverage from the ground up.

TECHNICAL EXPERTISE

- **Languages & Frameworks:** C#, .NET (up to .NET 10), Blazor, MudBlazor component library, Python, Bash, PowerShell.
- **Development Tools & AI:** Visual Studio 2026, Git, Azure DevOps, Jira, AI-Assisted Debugging & Development.
- **Database & Architecture:** SQL querying and database validation, RESTful API design, Clean Architecture, Multi-tenant architecture design.
- **Testing & Quality Assurance:** TestComplete, Selenium, Postman (API Testing), Automated Test Scripting.

SOFTWARE DEVELOPMENT PROJECTS

Vanguard League Systems (Work in Progress) | C#, .NET 10, Clean Architecture, MudBlazor

- Engineering a comprehensive SaaS platform utilizing .NET 10 Clean Architecture to handle complex venue logistics, a combinatorial scheduling engine, and Elo rating calculations.
- Establishing a secure multi-tenant database infrastructure, successfully implementing global query filters for strict data isolation across different leagues.
- Developing a double-entry financial ledger system and configuring automated database seeding processes to support scalable deployment and rapid onboarding.

Welland Pool League Application | C#, .NET, Blazor WebAssembly, Web API

- Designed, developed, and maintained a full-stack production application (WPLBlazor and WPLStatsWebAPI) to manage complex schedules, live player statistics, and team standings.
- Built a robust, standalone .NET Web API to handle secure data operations and consumed it via a responsive Blazor frontend, demonstrating end-to-end feature delivery and API integration.

PROFESSIONAL EXPERIENCE

Junior QA Analyst | December 2018 - Present *Panasonic Canada ISD (Niagara-on-the-Lake, ON) - Remote*

- Maintain high productivity and seamless collaboration with off-site development teams in an Agile/Scrum environment.
- Write and execute complex SQL queries to validate database functionality and verify data integrity.
- Conduct comprehensive API testing using Postman to validate backend services, endpoints, and seamless data exchange.
- Identify, document, and track software defects in Azure DevOps, providing clear reproduction steps and collaborating with developers for timely resolution.
- Develop, maintain, and execute automated test suites using TestComplete.

Senior Customer Service Analyst | October 2014 - December 2018 *Quickservice Technologies (St. Catharines, ON)*

- Analyzed and diagnosed complex software and network issues.
- Performed root cause analysis on application logs and system configurations to identify underlying defects.
- Mentored team members in advanced troubleshooting and issue resolution.
- Translated complex technical issues into understandable terms for internal development teams, improving resolution time.

Technical Team Lead | January 2012 - June 2014 *One Touch Direct (St. Catharines, ON)*

- Led a technical support team, enforcing adherence to data security protocols and performance metrics.
- Developed a systematic approach to problem-solving and quality control while providing frontline technical guidance.

EDUCATION & CONTINUOUS LEARNING

- **Secondary School (Computer Repair):** Father Fogarty School
- **Active Developer Training:** Continuous practical application of modern .NET architectures, RESTful APIs, UI component libraries, and AI-driven debugging workflows through commercial-grade personal projects.