WILLIAM MOUSSIAUX

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PROFESSIONAL SUMMARY

- **Senior Software Engineer** with 25+ years' experience with C#/.NET, C, C++, WCF, WPF and WinForms technology along with multi-threaded Client/Server/Backend development.
- Full life cycle development from meeting with clients to determine requirements, designing, developing, unit testing, troubleshooting, documenting, installing (both hardware and software) and supporting.
- Proficient with building User Interfaces based on process needs and business logic resulting in applications that increase productivity and ease of use for the application users.
- Advanced threading and resource management capability resulting in lower total cost of ownership.
- Experience on numerous relational database platforms with the ability to design schemas and build flexibility into the lowest levels of the end product.
- Can follow as well as be the lead developer assigning work, mentoring and performing code reviews of junior programmers.
- Finely honed designing, developing, debugging, testing and client communications for a well-rounded asset willing and able to take ownership of work.
- Proven remote delivery: 12+ years of remote, full-lifecycle development from a fully stocked Home Office which includes local and remote database, ftp, web and email servers.

- Sample screen shots and source code can be viewed at ***http://www.Moussiaux.com***

SKILLS

- C# .NET (17+ years)
- C/C++ (20+ years)
- WPF (17+ years)
- XML, XAML (17+ years)
- WinForms (20+ years)
- Client/Server/Backend, WCF (15+ years)
- Microsoft SQL, MySQL, SQLite (10+ years)
- Blazor/Razor (1.5+ years)
- HTML/CSS (15+ years)
- Microsoft Visual Studio (25+ years)
- Team Foundation Server (TFS)
- Other Source Control (GIT, SVN, Perforce)
- Project Management Systems (Jira etc.)
- Mentoring
- Testing and maintenance
- Copilot, Claude Haiku, GPT Luna

EXPERIENCE

Sr. Software Engineer, 03/15/2021 to 9/29/2026

Centurion CARES – Waukesha, WI.

- Developed new features and optimized existing functionalities in the company's Call Center desktop product and background services using C#, C++, WinForms, and WPF, resulting in a more intuitive user interface.
- Designed User Interfaces using WPF for sharing recorded phone call sessions, improving access and retrieval speed for agents handling client inquiries.
- Improved UI functionality for graphical and textual reports to provide clearer insight for decision-making.
- Migrated legacy system user interfaces to a modern Blazor/Azure platform.
- Performed code reviews for 3 other programmers.
- Collaborated with a team of 8 software developers and QA while working remotely, utilizing Teams to enhance communication and coordination.
- *Environment: C# .Net, C++, WPF, WinForms, Blazor/Razor, Azure, HTML/CSS, SQL, Visual Studio 2022/2026, Perforce, Git, JIRA.*

Sr. Software Engineer, 04/01/2016 to 03/15/2021

TE Subsea Communications – Baltimore, MD.

- Conducted code reviews, assigned work and mentored junior engineer, raising the code quality and accelerated delivery cadence.
- Built robust data-import and reporting pipelines from (Excel/CSV/XM/JSON) to SQL databases.
- Designed a Medical Management system using WPF for company ships, allowing medical staff to document incidents and access patient history, medications, and pre-existing conditions.
- Developed a reporting system for ship captains to create ad hoc reports to be provided to Port Authorities.
- Created internal company website using ASP.NET and Razor, centralizing 100’s of pages, documents, and images in a database with integrated administration and editing functions.
- Collaborated remotely with a team of 3 developers using Teams for effective communications.
- *Environment: C# .Net, WPF, ASP.NET, Razor, JavaScript, HTML/CSS, XML, JSON, Visual Studio 2015/2017, Microsoft Server 2008-2016 and IIS, Microsoft SQL 2008-2016, TFS, JIRA.*

Sr. Software Engineer, 01/07/2013 to 02/25/2016

Turf Teq – Honey Brook, PA.

- Developed touch screen time clock system with fingerprint recognition and QuickBooks interface, including Android app and administrative tools, enhancing time tracking and management capabilities.
- Developed software system enabling mechanics to photograph and document each step of disassembling and assembling process, then create an online and PDF manual.
- Provided mentoring, code reviews, programming guidelines and work assignments for 2 other programmers.
- Collaborated remotely while participating in weekly onsite meetings.
- *Environment: C# .Net, WCF, WPF, Xamarin, Android, Visual Studio 2013/2015, Microsoft Server and IIS 2012, MySQL, Bugzilla.*