

Steve Niles

Senior Enterprise Software Developer

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As a developer with a focus on software's long-term health, I place strong emphasis on the principles that lead to sustained quality and maintainability, while avoiding the anti-patterns that make a system buggy, inflexible, and difficult to build upon.

Knowing when to prioritize, for example, *single responsibility over DRY code*, or when to take on (and pay back) tech debt, and when not to, are among the ingredients that create software which stands the test of time.

Highlights

- Full-Stack Developer (Web-Based Front & Back-End, Desktop, Library)
- C#/.NET, Javascript/React, HTML/CSS, SQL/MongoDB
- Object-Oriented & Functional Styles, Parallel & Asynchronous Programming Techniques

Experience

- as Developer
 - [Method](#) Customer Relationship Management Platform (2021-2023)
 - [Yangaroo](#) Digital Media Distribution System (2019-2021)
 - [MRI](#) Real Estate Software (2013-2019)
 - [Niagara College Research & Innovation](#) (2007-2013)
- as Part-Time Teacher
 - [Niagara College](#) First Year Object-Oriented Programming (2013)

Education

- [Brock University](#) - Honours BSc in Computer Science (2013)
- [Niagara College](#) - Computer Programmer Analyst Diploma (2009)

Open Source

- [Dotnet Roslyn](#) - Found and fixed a bug in the static analysis code of Microsoft's .NET Compiler Platform
- [MandelZoom](#) - Mandelbrot set screensaver with technical guide on screensaver programming and GDI+ image processing details