

Résumé

Passionate software developer with 8 years commercial experience writing Windows, Linux and web applications.

Strong advocate of self-education; that we should be continuously pushing ourselves to learn new ideas and concepts, but also looking back and understanding the work that has been done before us.

Take pride in writing code that is clean, simple — elegant, but also be pragmatic and understand that sometimes there are trade-offs that need to be made.

Area of Interest

Functional Programming The current status quo of programming with side-effects, is causing the systems we design to be overly complex and because of this, we are loosing our ability to reason about the code we write. It is with this fact, that I believe functional programming is where we, as an industry, need to be focusing in order to improve the quality of the systems we build.

Up until recently I have focused on writing code in Clojure, while not a pure functional language, has given me experience writing in a functional style. It is with this experience, that I wish to continue my journey into the world of functional programming and truly master a pure functional language, such as Haskell.

Proficiency

- Programming Languages - C# 4.0 (8)*, Javascript (7), Go (7), Clojure (6), Java (5), Delphi (4), Python (4), Bash (4), Ruby (4), C (3), Racket (1), Haskell (.5)
- Programming Concepts - Object-Orientated (7), Functional (3), Concurrency (5), Distributed (4)
- Web Technologies - HTML 5 (7), CSS (7), DOM API (5)
- Web Frameworks - JQuery (8), AngularJS (6), Bootstrap (7), LoDash/Underscore (7)
- Database - Microsoft SQL Server (6), PostgreSQL (6), SQLite (5), CouchDB (3), MongoDB (3)
- Operating Systems - Linux (8), Microsoft Windows (8)
- Development Tools - Visual Studio (9), VIM (4), Emacs (4), Git (5), Mercurial (5), Subversion (5)

** Scale of 1..10 to indicate level of proficiency*

Experience

Australian Building Codes Board (July 2012 - July 2013)

Software Developer

Responsible for:

- Maintaining an existing e-commerce solution.
- Maintaining and extending a Sitecore CMS installation.
- Maintaining an existing in-house DRM solution.
- Providing guidance on WCAG 2.0 for all electronic documents.
- Automating the deployment of various in-house applications.

VSoft Technologies (2006 - June 2012)

Senior Software Developer

Responsible for:

- Development of their Continuous Integration product, ContinuaCI.
- Involved in a wide range of business decisions including pricing, licensing, marketing and sales of “shrink wrapped software”.
- Maintaining an in-house e-commerce application which included porting to the DotNetNuke platform.
- Taking over the design & development of an existing ASP.NET Web-Forms project to the point where the product was released and then continued supporting the product for over 3 major versions.
- Maintaining and supporting an existing Delphi based application (Final-Builder).
- Interacting with end-users to determine which features are needed in our products to meet their requirements, and then implementing features based on their input.
- Providing all levels of support for their existing products.

Education

Introduction to Functional Programming - NICTA Completed 2014

Sitecore Foundations & .NET Developer Course Completed 2012

Diploma of Information Technology (Network Engineering) - Riverina Tafe Campus Completed 2005

Higher School Certificate - Wagga Wagga High School Completed 2003

References

Available upon request.