

Paul Samways — Résumé

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Overview

I am a passionate software developer with 8 years commercial experience writing applications for Windows, Linux and the web.

I am a strong advocate of self-education and believe in continuously pushing myself to learn new ideas and concepts, but also value looking back and understanding the work that has come before.

I take pride in writing code that is clean, simple — elegant, but also pragmatic.

Area of Interest

Functional Programming Side-effect based programming, such as object orientation, leads the systems we design to be overly complex. As the volume and scope of software increases, we are losing the ability to reason about the code that we write. I believe that functional programming allows us to construct solutions to complex problems out of components that we can reason about, and is where we, as an industry, need to focus.

Working in Clojure, while not a pure functional language, has given me experience writing in a functional style. 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)
- 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

Ben Hughes - Senior Software Engineer - [View Reference](#)

Additional references available upon request