

# Steven Hollidge

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## Overview

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Full stack analyst programmer for over twenty years, leading teams and developing data driven Enterprise solutions for the financial services sector with Google and Microsoft technologies.

Highly focused, disciplined and results driven with a can do attitude to both business and technology. Successful programming blog with over a million page views.

Certified SCRUM Master specialising in leading agile teams and the mentoring of developers.

## Contract History

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### **Zazilo, London UK**

**January 2013 - Present**

Angular Full Stack Programmer and Agile SCRUM Master Coach

Angular TypeScript JavaScript Node.js RxJS WebPack Firebase Auth0 JWT Gulp.js Socket.io Wijmo SignalR Wallaby.js WPF Karma Protractor Jasmine Feathers.js .NET C# SQL JSON XML XSLT REST HTML5 Sass Bootstrap MaterialDesign Swagger ASP.NetCore WebAPI Git TeamCity Dapper Postman Fiddler NUnit XUnit MSTest

Multiple projects across a variety of sectors for companies within Biotech, Big Four auditors, Hedge Fund solutions and Big Data Business Intelligence reporting.

Migration from WPF desktop application to an AngularJS TypeScript web solution. Tasks include mentoring the dev team, SCRUM master and the introduction of agile practises. Liaising with business colleagues to produce backlog artefacts, UX design, prototyping and development. RESTful secure JSON .NET WebAPI services interacting with downstream systems and SQL Server stored procedures. Google Angular Material Design used along with Wijmo components to create a fluid and reactive UI. Karma and Protractor used for running unit and end to end tests.

Big data visualisation into consumer spending behaviours and trends. AngularJS was used to create a web application for users to step through layered phases bringing data to life. A range of charts, annotations and drilldowns gave the user an interactive window into understanding the data. Node Express RESTful endpoints were exposed giving a data API. Protractor used for e2e testing.

### **Credit Suisse, Zurich Switzerland**

**July 2012 – December 2013**

Full Stack Analyst Programmer: XAML C# Silverlight WPF Win8 RX Nirvana TPL PRISM JavaScript SQL WCF

Award-winning cross asset derivatives sales portal for customised investment and hedging solutions. Enables users to design, price and trade structured products and hedging strategies tailored to meet their needs. With a choice of underlying's from equities, indices, FX, precious metals and commodities, real-time pricing and execution internationally to over 7,000 users.

Developed an asynchronous, modular XAML application communicating with RESTful JSON services. RX streaming data was used with Nirvana/Universal messaging. SCRUM methodologies with emphasis placed on test driven and multi-threaded development throughout. Liaising with business colleagues to define requirements, UX design, prototyping, development, service components and large complex high performance SQL data solutions. Graphical interactive 3D drilldown chart loved by business. HTML 5 proof of concept app written for iPad. Winner of Internet Banking Technology award in November 2013.

## Silverblade Technology, London UK

December 2010 - June 2012

SCRUM Master & Full Stack Analyst Programmer: XAML WPF .NET SQL Telerik TeamCity WCF ProtoBuf-net

Microsoft partner focused on bringing the latest Metro and XAML (WPF and Silverlight) to the City of London and Europe. Key design tenants include asynchronous, multi-threading with low network latency using Beta and CTP Microsoft software. Custom libraries, toolkits and controls are used to give users an unparalleled experience both in and out of the browser.

As well as new development projects, brownfield development solutions were tackled. Through the identification and isolation of problem areas unit, functional and integration test harnesses were created that could be automatically executed by the TeamCity Continuous Integration server. This allowed developers to update and maintain code safe in the knowledge they would not be introducing any new bugs. Other projects include high performance, highly optimised and scalable WCF architecture to maximise available computing power utilising Protocol Buffers (ProtoBuf-net).

## Ellis Financial Systems, London UK

May 2008 – November 2010

Full Stack Analyst Programmer: C# .NET WCF WPF WebForms JavaScript SQL Telerik ComponentOne TeamCity

Worked within a team of developers on the creation of a highly scalable, secure and reliable web software suite to provide global fund managers the ability to calculate, model and analyse Capital Gains and Income Tax liabilities based on complex client portfolio asset trade movements. The project featured a highly configurable Xml rules based calculation engine written in C#. The core business requirements included an extensible calculation engine allowing for plugins written by business analysts containing the latest changes in government taxation law. Techniques such as multi-threading, stateless class design for functional programming, queued messaging and Chain of Responsibility design pattern with IOC has resulted in a highly efficient and optimised SOA solution. Heavily optimised SQL databases with stored procedures for portfolio, asset and transaction data.

**Other roles** (further information available on request)

Objective Services	London UK	.NET SQL	2002 to 2008
Thales Group	London UK	VB 5/6 SQL and Oracle	2000 to 2002
Objective Services	London UK	VBA SQL	1996 to 2000
RS Solutions	London UK	VBA	1995 to 1996

## Certifications

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Professional SCRUM Master (2012)

Microsoft Certified Professional Developer: WPF and MCTS: Silverlight 4 Development (2012)

Microsoft Certified IT Pro for Business Intelligence Developer: SSIS, SSRS, SSAS (2007)

Microsoft Certified IT Pro Database Developer & Administrator SQL Server 2000 and 2005 (2007)

Microsoft Certified Technical Specialist: SharePoint 2007 & BizTalk Server 2006 (2007)

Microsoft Certified Solutions Developer Architect for C# .NET (2004)

Oracle Certified Associate and Microsoft Office Specialist: Excel and Access VBA development (2000)

## Open Source

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Blog with over 1 million page views <http://stevenhollidge.blogspot.com>

Drop-ng <https://github.com/stevenh77/drop-ng>

Material design for Angular <https://github.com/angular/material>

Itinerary Hunter for Win8 <https://github.com/stevenh77/ItineraryHunter-Win8>

Silverlight Debugging Tool <http://silverlightglimpse.codeplex.com>

WCF Application Server <http://tranquilitydotnet.codeplex.com>