

ROMAN STEFANIDI

B C O M P , L L B

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EDUCATION

2004 Bachelor of Computing (BComp) – University of Tasmania
Majoring in software engineering, computer controlled systems, mathematics and law

TECHNICAL SKILLS

- **C#** and .NET Framework
- **WPF** and **MVVM** pattern
- **Silverlight**
- **LINQ**, **PLINQ**, **RX**
- **WCF**, **WCF customization and extensions**
- **ASP.NET SPA**, **JSON**, **REST**, **Angular JS** and **SignalR**
- **JavaScript**, **HTML5** and **CSS**
- **iOS Development (ObjectiveC and Xamarin)**
- **Multithreaded programming**
- **SOA** - Service Oriented Architecture
- **SQL** – Microsoft SQL Server
- **NoSQL**- Document Databases, **RavenDB** and **MongoDB**
- **GIT**, **TFS**
- **Azure** and **AWS**
- **Inversion of Control** (Ioc) using **Ninject**, **Windsor**, **Prism** and **MEF**
- **Rhino\MOQ Mocks for Unit Testing**
- **NUnit** and **MS Test** unit testing
- **UML Design**
- **Tiered application design**

QUALIFICATIONS SUMMARY

- **10+ years of commercial .NET development**
- **7+ years in Agile development and Scrum with some TDD**
- **5+ years financial services experience, with multiple trader applications.**
- **2+ years of team lead experience running a team of up to 5 developers.**
- Extensive experience with **WPF/Silverlight** and **MVVM** pattern
- **WPF** architecture and performance
- Certificate in Service Oriented Architecture design in **WCF**
- Design and Architecture of **ASP.NET MVC** and **API RESTfull** services.
- Experience in **HTML5 SPA** with **AngularJS** + **jQuery** and **RESTful API**
- **iOS** development (published 2 AppStore apps) **ObjectiveC** and **Xamarin**.
- Security, Encryption and **Bitcoin** development experience.
- Experience with **TFS** and **JIRA**.
- Bachelor of Computing (distinction average mark, scholarship, Dean's Roll of Excellence)

PROFESSIONAL EXPERIENCE

09/2014 – present: Application Director at BriefBox (Sydney)

BriefBox is a disruptive startup in the legal space. It develops marketplace and collaboration tools for lawyers and large corporate firms.

The role of an Application Director at BriefBox incorporates a role of a developer, team leader and a solutions architect. I am responsible for design and architecture of a very complex and large ASP.NET application. I have started the project from scratch doing initial POC followed by running a team of 5 developers to build out a fully functional commercial grade web tool.

Essential Technologies and skills:

- **ASP.NET MVC, RESTfull services, SignalR.**
- **AngularJS, JavaScript, HTML5 and CSS**
- **RavenDB** Eventual Consistency Document Database.
- **GitHub, Azure**

Project Summary:

- Overseeing a complex web application from inception to its' commercial launch. The project was to build a prototype, acquire investors and manage a team of developers to rapidly build out a commercial grade web application. The major requirements of the project were security, stability, usability and extremely rapid development.

04/2013-10/2015: Senior Developer (Contractor) at Nine Entertainment Co (Sydney)

Nine Entertainment Co. is a leading Australian media and entertainment company. Its assets include the Nine Network, Ticketek, Allphones Arena and Mi9.

At Nine I was a senior developer and part of a team that developed, released and maintained the system used to book all the TV commercials which go to air. This is a mission critical system and generates the main revenue stream for the company. I was also the architect and developer of 9News Alerts iOS and Android applications for 9News.com.au.

Essential Technologies and skills:

- **WPF, MVVM, Castle Windsor IoC.**
- **NService Bus, WCF**
- **iOS and Android – Xamarin and ObjectiveC**
- **JIRA and TFS**
- **Azure - Azure Mobile Services, Push and Service Bus**

Project Summary:

- Development of a mission critical application used by hundreds of staff to book and manage commercial spots. This system is extremely complex in business logic and requires a lot of integration with various external systems. It spans across five databases and has a true service oriented architecture.
- Architecture and development of 9News Alerts application for iOS and Android. I did all of the development for Azure push notifications, news feed processor, iOS and Android screens, persistence, geo location fencing and push notifications.

01/2012-04/2013: Senior Developer (Contractor) at Westpac Institutional Bank (Sydney)

Westpac Group is the largest investment-banking group in Australia and is a leader in FX in Australia.

Working at Westpac I oversaw a number of exciting projects. These range from Silverlight trader controls to backend trading services.

Essential Technologies and skills:

- **Silverlight 4.0**
- **WPF**, MVVM, MEF.
- **FIX** protocols and FX trading with LPs and ECNs
- **.NET 4.0, C#**

Project Summary:

- Development of a number of Silverlight applications used by traders and sales staff to control various systems.
- Backend service development to facilitate FX trading and automatic algo trade executions.
- Overall heavy involvement in releases, documentation and coordination of releases into production environments.

03/2011-11/2011: Senior Developer (Contractor) at Credit Suisse Investment Bank (London)

Credit Suisse global investment division is a top tier investment bank with major offices in Zurich, London, New York, Singapore and Tokyo.

Working in London I was involved with two projects, both were extremely high pace agile projects. WPF Commodities Options trading front office application was in rapid developments and required close work with traders and quants with very short iterations. Second a Silverlight 4.0 global external clients portal project was mission critical projects with extreme deadlines.

Essential Technologies and skills:

- **Silverlight 4.0**
- **WPF**, Prism/Unity and MVVM, Infragistics.
- Heavy use of **RX**
- **Options Trading** front office WPF GUI development.
- **.NET 4.0, C#**
- Agile with SCRUM

Project Summary:

- **FX Options pricing and booking portal** – Part of new CS Plus web tools used externally and internally to price and book FX Options. I was responsible for Silverlight development. The project was a Silverlight 4.0 heavily utilising Rx (Reactive Extensions) for async communications over Nirvana. The UI followed MVVM pattern.

03/2010-03/2011: Consultant (Tech Lead) at Barclays Capital Investment Bank (London)

Barclays Capital is a top tier global investment bank with major offices in London, New York and Singapore.

Working in London I was the lead developer for a front office FX Risk Platform. This incorporates architecture and development of WPF GUI Client to consume backend services developed by the

quant team. The Risk GUI provides traders with various blotters, custom developed graph all with ticking live data.

Essential Technologies, skills and project summary:

- **FX Forwards** GUI development and architecture in WPF.
- **.NET 3.5 SP1, C#**
- **WPF**, Prism/Unity and MVVM
- Unit testing in NUnit with MOQ.
- Agile with SCRUM

Project Summary:

- **FX Forwards Risk Viewer** A WPF 3.5 SP1 project was a mission critical project to enable traders to view live risk information on Foreign Exchange Forwards contracts. My responsibilities on the team were to architect a WPF solution to display a vast amount of information and to enable performant live updates.

03/2008-11/2009: C# Developer at Towers Perrin (www.towersperrin.com) (Sydney)

Towers Perrin is a global professional services firm, and a leader in developing actuarial and capital risk management software.

I was part of a large development team that was involved in one of the largest software development projects Towers Perrin has undertaken. The project was written in C# in .NET 3.5 SP1 with WPF frontend. I was responsible for detailed design and development of few core components in Risk Agility Framework. These include: WCF communications between distributed services. Distributed and multithreaded execution engine, licensing framework. Development parts of security for the framework, data storage and data delivery.

Essential Technologies, skills and project summary:

- Development of enterprise **financial risk modelling** software – RiskAgility™
- **.NET 3.5 SP1, C#**,
- **SQL 2005** and **LINQ** for custom ORM
- **WCF**, heavy WCF customization with security, impersonation and auditing.
- **WPF GUI**
- Windsor IoC, MS Test + Rhino mocks, TFS + Scrum

05/2005-02/2008: .NET Developer at Technology Services Group

Technology Services Group is responsible for providing ICT consulting and support for the Federal Group which is the largest hospitality employer in Tasmania, encompassing two casinos, various hotels, liquor outlets, tourism and hospitality businesses.

I worked as part of a development team often managing parts of small projects. In that environment, teamwork and outstanding organisational and communication skills are absolutely essential. My contribution to the business and the team is in my professional skills and attitude with lateral thinking and ability to utilise cutting edge technologies in order to ensure that every project is delivered to the highest satisfaction, on time and under budget.

Essential Technologies, skills and project summary:

- **.NET 2.0 – 3.5, C#, VB.NET, VBA** in excel, some java and c++
- **SQL 2005** and lots of stored procedures

2004-2005: .NET Developer at Synateq (www.synateq.com)

Synateq provides financial and IT consultancy for small to medium Tasmanian businesses, implementing off the shelf and custom .net solutions.

As a C# developer I worked in a team to implement a large scale Payroll system. I joined the project from design stage and went through full SDLC.

Essential Technologies, skills and project summary:

- .NET 1.1 C#
- Winforms
- Development of payroll software
- Full SDLC – waterfall

REFEREES

Available on request.