**Jeffrey Selby**

**M: +41 (0) 79 775 6525**

# Summary

* Full stack developer having extensive experience in Microsoft .Net solutions architecture and development for **ASP.Net**, **Web API**, **MVC**, **WPF** and **WinForms** applications. Detailed knowledge of object-oriented program design.
* Strong web development skills using technologies such as **Angular**, **React**, **Redux**, **Thunk**, **Webpack**, Gulp, TypeScript, HTML 5, CSS 3 and Bootstrap.
* Design and administration of SQL Server and Oracle databases.
* Analytical skills for identification of customer requirements. Ability to write clear functional and technical specifications using UML.
* Experience in accounting, banking, finance and regulatory affairs. Level II candidate Chartered Financial Analyst (CFA).
* Degrees in Commerce and Law (UNSW).
* Dual citizenship (Australian and Swiss) with international IT experience (UK 2 years, Switzerland 10 years).

# Personal Details

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**E-Mail** [selby@softlogic.ch](mailto:selby@softlogic.ch)

**Address** Gotthelfstrasse 22

Murten 3280

Switzerland

**Availability** From January 2018 (contract work only)

Services provided through company **Soft Logic GmbH**

**Date of Birth** 8 October, 1974

**Citizenship** Australian & Swiss

**Status** Married

**Languages** English (mother tongue)

German (Certificate in Proficiency, Goethe-Institute)

**Documents** Original documents relating to education, training and references will be presented on request.

# Education

**IT Qualifications**

Microsoft Certified Solutions Developer (.Net C# and Visual Basic 6.0)

Microsoft Certified Database Administrator (SQL Server 2000)

Microsoft Certified Systems Engineer (Windows 2000)

*Private study* 2000 – 2001, 2005

Relational Database Methods & Programming Level 3, SQL and Visual Basic

*School of Computer Technology (London, UK)* 1998

**Finance Certification**

Chartered Financial Analyst (CFA) Level II Candidate

Passed Level I Examination June 2007

**Tertiary Schooling**

Bachelor of Commerce / Bachelor of Laws

Major in Accounting, graduated with Merit

*University of New South Wales (Sydney, Australia)* 1992 - 1997

# Technical Skills

*Level 1 = Basic Level 5 = Highly Proficient*

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| **Area** | **Level** |  | **Area** | **Level** |
| **Programming Languages** |  |  |  |  |
| C#, VB.Net (Framework 4.5) | 5 |  | VBA (Excel, Access, Word, Outlook) | 5 |
| Java, JSP | 3 |  | Java Script / Jscript | 5 |
| XML, XLST, HTML 5.0, XHTML 1.1 | 4 |  | VB Script | 5 |
| T-SQL | 5 |  | PL / SQL | 5 |
| **Application Interfaces** |  |  |  |  |
| WinForms | 5 |  | WPF, WCF | 4 |
| **Web Development** |  |  |  |  |
| Angular 2.0, ReactJS 16.0, Redux | 4 |  | TypeScript, Babel, jQuery | 4 |
| ASP.Net / MVC 5.0 | 4 |  | Webpack 3.7, gulp 3.9 | 4 |
| HTML 5, CSS 3, Bootstrap | 3 |  | Web API / Web Services | 4 |
| **Software Development Tools** |  |  |  |  |
| Entity Framework 4.1 | 4 |  | LLBL Gen version 2.5 | 4 |
| SCCM 2007 SDK 4.0 | 5 |  | Enterprise Architect version 7.1 | 4 |
| Infragistics Net Advantage ASP.NET | 4 |  | DevExpress .Net WinForms | 4 |
| **Test Tools** |  |  |  |  |
| NUnit, NCover | 4 |  | Moq Framework 4.x | 3 |
| Jest, Jasmine | 3 |  | Selenium | 3 |
| **Applications** |  |  |  |  |
| Visual Studio .Net 2013 (*MCSD*) | 5 |  | Eclipse | 4 |
| Excel 97 - 2010 | 5 |  | Access 97 - 2010 | 5 |
| Microsoft IIS 7.0 | 4 |  | SCCM 2007 | 3 |
| Microsoft CRM | 2 |  | Microsoft SharePoint 2003, 2007 | 3 |
| Crystal Reports 7.0 |  |  |  |  |
| **Version Control & DevOps** |  |  |  |  |
| Team Foundation Server 2008, 2010 | 4 |  | Git Bash 2.0.1 / Git Extensions 2.47 | 4 |
| Visual SourceSafe 6.0 | 5 |  | CVS | 3 |
| Tortoise SVN | 4 |  | Jenkins | 3 |
| TeamCity | 2 |  | Bamboo | 2 |
| **Operating Systems** |  |  |  |  |
| Windows 2000 - 2008 Server (*MCSE*) | 4 |  | Windows 8.0, 7.0, Vista, XP | 5 |
| **Relational Databases & Tools** |  |  |  |  |
| SQL Server 2000 - 2012 (*MCDBA*) | 5 |  | PL / SQL Developer (v 7.1.5) | 4 |
| SSRS | 4 |  | SSIS | 3 |
| Oracle 8i – 9i, 10g Release 1 (10.1) | 4 |  | Toad for Oracle Professional | 4 |
| **Financial Applications** |  |  |  |  |
| Reuters | 4 |  | Open Bloomberg 2.1 | 3 |
| Cadis Enterprise Data Management | 4 |  |  |  |
| **Financial Analysis** |  |  |  |  |
| P & L Reconciliation | 4 |  | Cash Flow Management | 3 |
| Financial Product Control | 4 |  | Balance Sheet Reporting | 4 |

# Career History

**Infocentric AG Jan 2018 to April 2018**

**Software Engineer Baden, Schweiz**

* React, Redux and Thunk to develop an interactive banking application for BEKB.
* Responsible for programming payments area and asset management.
* JavaScript Libraries: redux, redux-thunk, react-dnd, react-select, react-table, redux-form, reselect, react-intl-redux, fuse.js, moment, flexboxgrid-sass.
* Webpack configuration.

**Ringier AG Nov 2017 to Dez 2017**

**Software Engineer Zürich, Schweiz**

* React, Redux and Thunk to development new Blick website.
* Development of iOS App using XCode. Development of Android App using Android Studio.

**Australian Securities Investments Commission Jun 2017 to Nov 2017**

**UI Technical Lead Sydney, Australia**

* Development of a portal for the regulation of legal entities across Australia.
* Leadership of front-end development team.
* Utilised technologies included ReactJS 16.0 und Webpack 3.7.
* Redux Architecture for state management.

**Capgemini (icare) Nov 2016 to May 2017**

**Architect & Technical Lead Sydney, Australia**

* Led a team of front-end developers to build web application for icare which enabled online submission and management of home builder insurance policies.
* Development of highly interactive web site covering complex business requirements with AngularJS 2.0, TypeScript and Gulp.
* Responsible for front-end architecture and security with Okta and JWT tokens.

**Westpac (WIB Digital) Jun 2015 to Nov 2016**

**Senior Solutions Designer Sydney, Australia**

* Project to implement market leading corporate lending facility and online banking for Asia region.
* Front end design and development of SPA using AngularJS, RequireJS, HTML 5, CSS 3 and Bootstrap.
* Designing and implementing RESTful API’s with Java.
* Agile methodology with use of Atlassian products (Jira, Stash, Confluence, Bamboo).

**Westpac (Online & Mobility Technology) Mar 2015 to Jun 2015**

**Senior Software Engineer Sydney, Australia**

* Full stack development to build an interactive, customer-facing Single Page Application (SPA) for modifying mortgage repayments. Front end development with AngularJS 1.5.
* Microsoft .Net Web API to handle client requests. Used Entity Framework 6.1.3 to manage database access. End-to-end testing with Selenium.
* Multi-threaded WPF application development to management database objects and configuration data.

**ANZ (Global Markets) Sep 2014 to Mar 2015**

**Senior Software Engineer Sydney, Australia**

* Project to receive, manage and distribute accounting data for Global Markets Trading Desk.
* Single Page Application (SPA) web development with AngularJS, RequireJS, ASP.Net MVC 5.0 & Web API.
* Automated testing using NUnit, Selenium, BDDfy and Moq. Continuous integration with TeamCity.

**Fiserv / Westpac (Online Transformation Program) Mar 2013 to Jul 2014**

**Senior Developer Sydney, Australia**

* Project to transform Westpac’s online banking platform.
* Development of highly interactive ASP.Net (MVC 4) web application using JavaScript libraries (JQuery and Knockout), Less CSS and WCF.

**ANZ (Technology Services) Jul 2013 to Jan 2014**

**Senior Developer Sydney, Australia**

* Provided environment support for E\*Trade online broking application.
* Creation of C# libraries using WMI to extensively query servers for information such as ODBC data sources, installed software, SQL server databases, registry, message queues, IIS websites, etc.

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| MCSD-RGB | MCDBA-RGB | MCSE-RGB |

**Westpac Institutional Bank (Treasury) Feb 2012 to Jun 2013**

**Senior Developer Sydney, Australia**

* Project to distribute market and calculated rates to front and middle offices.
* Automated Reuters and Bloomberg data feeds. Implementation of rate verification and complex calculations for mastering of rates.
* Development with Microsoft .Net Framework 4.0 including WCF and Entity Framework.
* Using Eclipse IDE developed a Java application to execute complex calculations.

**Federal Department of IT (Office Automation) Jul 2009 to Oct 2011**

**Architect & Technical Lead Bern, Switzerland**

* Project to migrate 30,000 clients across four federal departments from Windows XP to Windows 7.
* Responsible for identifying customer requirements, liaising with stakeholder management, team recruitment, architecture and technical lead using Agile methodology.
* Database and web design for application interacting with Microsoft System Center Configuration Manager (SCCM) and Active Directory.
* Administration of Operating Systems, Software Packages and Task Sequences in SCCM.
* Designed and implemented API for management of SCCM objects using SDK.
* Administrator of SQL Server 2008 (including Reporting Services) and Team Foundation Server 2010.

**Electronic Data Systems (EDS) Apr 2008 to Jan 2009**

**Architecture, Design & Programming Zurich, Switzerland**

* Architecture and design with Enterprise Architect for the import and merging of multiple data sources.
* Client-rich und multi-threaded .Net Windows Application (C#) for the import and analysis from crime statistics for the Bern Police Department.
* Programmed design-time interactive Windows Controls (CollectionEditor, TypeConverter, UITypeEditor, ControlDesigner).
* PL / SQL programming from database objects (Oracle 10g).

**Federal Department of IT (Solution Centre) Mar 2007 bis Mar 2008**

**Architecture, Development & Programming Bern, Switzerland**

* ASP.Net development of web application with service oriented architecture. Included AJAX programming und XML, XLST & XSD development.
* Design-time interactive web server components (CollectionEditor, TypeConverter, UITypeEditor, ControlDesigner).
* Programming of .Net Libraries and Web Services.
* Database development with PL / SQL (Oracle 10g) and T-SQL (SQL Server 2005).

**Prior Software Development**

* Mar 2007 to Mar 2008 Federal Department of IT (Solution Centre) (Bern, Switzerland)
* Apr 2008 to Jan 2009 Electronic Data Systems (EDS) (Zurich, Switzerland)
* Mar 2007 to Mar 2008 Federal Department of IT (Bern, Switzerland)
* Feb 2006 to Nov 2006 SwissLife (Zurich, Switzerland)
* Apr 2005 to Nov 2005 Microsoft Certification (MCSD, MCAD, MCDBA)
* Apr 2004 to Mar 2005 Harcourt Investment Consulting AG (Zurich, Switzerland)
* Sep 2001 to Oct 2003 Siemens Building Technologies (Zug, Switzerland)
* Oct 2000 to Apr 2001 Microsoft Certification (MCSD, MDBA, MCSE)
* Jan 2000 to Aug 2000 BuildOnline.com (London, UK)
* May 1999 to Nov 1999 ITNetwork.com (London, UK)
* Jun 1998 to Apr 1999 Deutsche Bank (London, UK)
* Sep 1997 to May 1998 Bankers Trust (Sydney, Australia)

# Referee

**Pascal Schouwey**

Leiter (Engineering Arbeitsplatz)

*Bundesamt für Informatik und Telekommunikation – BIT*

Eichenweg 1, 3052 Zollikofen