



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

Phone	+41 (0) 79 775 6525
E-Mail	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)
<i>Private study</i>	2000 – 2001, 2005
Relational Database Methods & Programming Level 3, SQL and Visual Basic	
<i>School of Computer Technology (London, UK)</i>	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

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.



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