Curriculum Vitae   Frank-Leonardo Quednau

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Birthplace: Vigo / Spain

Nationality: German

Age: 39

Academic Career

Level	Period	Institution	Remarks
School	09/1981 - 07/1983	Centro Escolar Ampurdan Rosas, Spain	
Basic school	08/1983 - 06/1985	Hagenschule Dinslaken, Germany	
Abitur	08/1985 - 06/1994	Otto Hahn Gymnasium Dinslaken, Germany	Main Subjects of the Abitur were Physics and Mathematics, with Social Sciences and German as 3rd and 4th main subjects.
Master of Engineering	09/1995 - 12/1999	University of Surrey Guildford, UK	The aim of the Engineering degree provided by the University of Surrey is to give the student a broad knowledge of a number of engineering disciplines. The 'Engineering with Business Management' bachelor course also aimed at providing basic business management skills. However, my marks justified the enrolment for a Masters degree. This included one year of work experience in engineering analysis at the Nortel Networks site in Harlow. Furthermore an industrial project was undertaken at Nortel as well as a group project involving different engineering disciplines that took place during the last term of the Masters course.

Job History

04/2014 – Today: Senior Software Architect, Nationale Suisse AG (Basel, CH)

Design and Implementation along product ownership for components which are at the core of a large migration project (replacement of a HOST-based system which lies at the heart of most of the IT-landscape at Nationale Suisse).

Tasks include working on Architecture, actual implementation alongside developing proof of concepts and last but not least product ownership for the developed components in the context of the underlying SCRUM-process.

Technologies: C#, MS Visual Studio, .NET Open Source, NuGet, ASP.NET, JavaScript.

05/2012 – 02/2014: Senior Software Developer, Plancal AG (Horgen, CH)

After many years as a consultant I wanted to work in product development. A former colleague of mine provided me with the possibility to start as senior software developer on a new product for offer generation with fully integrated syndicate catalogues. Within the technological context of .NET my main responsibilities were design and architectural work for the infrastructure of the application with a focus on the frontend. This included preparing and introducing a number of changes to the software development process of the team to improve on focussing on features and having a good development flow. Even though the project was cancelled by the US parent company before it could be sold to customers I have learned a great deal about keeping application code simple and focussing team and code on relevant features that bring immediate value to customers.

Technologies: C#, F#, MS Visual Studio, .NET Open Source, WPF, RavenDB, PowerShell.

12/2005 – 04/2012: Principal Consultant, Trivadis GmbH (Freiburg im Breisgau)

I designed and implemented numerous projects for customers, remote and on the premises – first as Consultant, later as Senior, then Principal Consultant. My growing experience allowed to fulfil an increasing amount of architectural and design work. What follows is a selection of projects in which I participated.

Implementation of a new Frontend for the controlling of heavy metal storage systems - Coaching, design and implementation of a WPF-Frontend which allows to control and maintain Kasto storage systems. I focussed on framework development to ensure a successful implementation within a short time frame.

Technologies: C#, .NET 4.0, WPF, Caliburn.Micro, Membus

Implementation of the new PC-Software-Suite for Testo-products - Coaching, design and implementation for the new Testo software platform. Comprised of working on visualizing real-time measurements as well as on the application infrastructure.

Technologies: C#, WPF, Autofac

Implementation of the new corporate product database as a validated project within a pharmaceutical company – Technical lead & architect for a team of up to 10 developers over the course of one year.

Technologies: C#, MS Visual Studio, MS TFS, .NET Windows Forms, Infragistics, IIS, .NET Open Source.

Development of a new generation of software products for QM products in the textile industry - Coach and architect to help develop a software suite which is sold by the company Uster alongside their QM hardware in the textile industry.

Technologies: C#, WPF, WCF, Team Foundation Server, NHibernate.

05/2000 - 12/2005 : Professional Systems Engineer, T-Systems International (Darmstadt)

Due to my willingness of travelling to customers abroad and my excellent English skills my activities focussed on an international Telecommunications provider situated in Switzerland from 2000 up to 2003. In my last year my main area of work was architectural design and implementation of a web-based system that is used by Deutsche Telekom to write their annual reports.

IT-consultant and developer for a Swiss mobile network company (2000-2003) – Requirements analysis, writing proposals, design and development of services for a Point of Sales-system. Later replacement of the PoS Java-Applet with a J2EE 3-tier Solution (design and implementation tasks in the frontend-area).

Technologies: ASP, VB, COM, .NET, Java, JSP, Servlets.

Systems architect for a CMS-based publishing-system (2003-2005) – Supporting the annual report creation process at the Deutsche Telekom. Architecture and implementation tasks in the frontend and backend (Integration with Microsoft Word, Encapsulating Microsoft Office as a Windows service).

Technologies: ASP, ASP.NET, Html, JavaScript, CSS, .NET, MSMQ

Design and development of web services for business processes at T-Online (12/2004 - 03/2005) – Architecture, project management and implementation were the main responsibilities, possible due to the small team size of 3 people. The aim was to provide web services that encapsulate access to special software that allowed fuzzy searches in order to have an accurate customer black list.

Technologies: J2EE, Hibernate, Eclipse

08/1997 - 08/1998 : Hardware Department , Nortel Networks (Harlow, UK)

While this year is strictly speaking part of the University degree, I consider having worked one year full time at Nortel Networks as an excellent work experience. I worked in the Hardware department. Its responsibility was to design racks, casings, etc. for the complex electronic equipment developed on-site. During this period I could use my Engineering skills while also acquiring additional computational skills. A presentation to a 50+ audience on a program I had developed addressing a thermal management issue rounded up the placement year.

07/1994 - 06/1995: Military Service (Coesfeld, Germany)

Germany allowed the selection between social and military service. I decided for the latter in order to be able to start studies at the University of Surrey in the summer of 1995, which would not have been possible doing 15 months of social service. I was stationed with a division for point-to-point radio communication.

Skills

Languages

- German – Native speaker
- English – Fluent Business Level
- Spanish – Fluent Conversational
- French –Basic

Competencies:	Design, Architecture, Presentation, Coaching, Development, Review/Assessment
Programming languages:	C#, F#, JavaScript, Haskell, Ruby, SQL
Databases:	Oracle DB, SQL Server, RavenDB
Development tools:	MS Visual Studio, R#, PowerShell, Sublime text editor, cli tools
Methods:	TDD, Agile Software development, continuous integration, continuous deployment, version control with e.g. git.
Operating systems:	Windows in its many forms, basic working knowledge with Linux (ssh, vi, command line), getting better with OSX & associated technologies on my new MBP

References

If not provided as an appendix, references from Trivadis GmbH and Plancal AG can be found at http://frankquednau.info (albeit in German). Additionally you can find my Open Source-Projects at http://github.com/flq, giving you a chance to judge my programming skills.

Interests

Software – I also like to work with software in my spare time. I use this time to learn about other programming languages or contribute to Open Source projects useful to my work. Currently I am looking into TypeScript and Node.js.

Family – The family is an important element of retreat, relaxation and support.