

CURRICULUM VITAE



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Age	39
Birth	30. July 1970, Resenbro, Denmark
Marital status	Married – no children
Citizenship	Danish
Driver's license	Yes
Qualifications – in short	Masters degree in Computer Science. Bachelor corresponding degree in English. Six years as self-employed student programmer prior to graduation; 12 years full-time employment afterwards.
Profile	<p>Senior System Developer and Designer with considerably interest in backend/server systems, C, C++, C#, .NET and SQL Server. 12 years professional experience - among these nine years with OOD and OOP using primarily C++ and C#.</p> <p>Professional experience with Release Management, version control systems (especially CVS and Subversion), implementation and bug fixing with (ASP).NET, XML using e.g. Microsoft Visual Studio.</p> <p>I additionally hold significant knowledge in areas such as ASP, XSL, CSS, HTML, JavaScript, ODBC/OleDB/Ado. Frameworks used include CPPUNIT, QT, .NET, NUnit.</p> <p>I am experienced, knowledgeable, committed and efficient, which - combined with a great curiosity and tenacity - drives me towards the best solution.</p>
Language	Fluent in Danish and English, spoken and in German on a basic level.

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Formal education

Year	Education	Location
1990-97	Masters Degree in Computer Science Special areas of interest: The user's role in system development. OOA/OOD. Thesis subject: CSCW (Computer Supported Cooperative Work) (using Lotus Notes) and IT impact on organizations.	Computer Science Department, University of Aarhus (http://www.daimi.au.dk).
1995-97	Minor subject: English Philology	English Department, University of Aarhus, Denmark.
1986-89	High school / College (Mathematics / Physics)	Viborg Katedralskole

Post grad education

Year	Education	Location
2008, Oct	Step up, get closer – presentation techniques	Lars Klingert, Teknologisk Institut, Tåstrup, Denmark
2008, Aug	OO Analysis, design and realization using UML 2.0	Teknologisk Institut, Tåstrup, Denmark
2008, Aug	OO Basic concepts and modeling with UML 2.0	Teknologisk Institut, Tåstrup, Denmark
2008, Apr	Software Estimation In Depth	Construx Software, Seattle
1999, Oct	IBM FA13 Project Management	Klarskovgaard, Korsør, Danmark
1999, Aug	IBM FA21 Project Management	Klarskovgaard, Korsør, Danmark
1998, Oct	Data Warehouse Design	Metodica, Høje Tåstrup, Danmark

Personal – who am I

I am a friendly and companionable person, fully equipped with a sense of humour, self-irony and a professional attitude towards my work. I enjoy sharing my knowledge and consider it an exciting and challenging exercise to make technical issues understandable to my colleagues.

My workplace I regard as a place where my primary function is to do my job in close cooperation with my colleagues, but I do appreciate an informal environment, which leaves space for humour and personal interests.

Language

Due to my minor degree in English and a thorough interest for reading English science fiction I have good skills especially in written English, but I also speak (although with a pronounced Danish accent) and understand it very well. I try hard to express myself correctly no matter in what language I am communicating. I have some rather basic skills in German, as well.

Professional interests and agendas

Throughout the years I have dealt with a lot of different aspects of programming and system development and spend a lot of time digging down into a lot areas to understand them thoroughly. This knowledge allows me a deep understanding of what is possible.

This has given me a passion for architecture – a passion for designing software. It is important to understand that my interests here mainly lie in the “engine” area of the software. My skills in user interface design are somewhat limited.

When using agile methods the software architecture is to a large extent built along with the application/project in opposition to the more traditional methods where it is often described by a software architect in the beginning of the project. I am a big “fan” of agile methods, where the code is constantly refactored to match the current situation and the quality is secured with (amongst others) TDD (Test Driven Development).

As I have matured personally over time I have gotten the biggest passion of all: Happy developers. A happy developer is looking forward to come work and not just to do his best, but also to push the limit for his best. This is why I am a supporter of the agile methods, which with their “people over processes”-manifesto puts people first.

Because of this passion I also have a large interest in the processes and in particular the tools used in a development department. Such a department has a big need for tools that make programming easy and helps the developers catching bugs, errors and mistakes as early as possible in the process. To make a development department purr like a kitten you furthermore need tools such as bug tracking, estimation, task control, version control, automatic build systems, automatic tests and unit tests. I am a – non fanatic – believer in TDD (Test Driven Development) and various agile methods. All these tools contribute to the reduction of errors in the product that is delivered to the customer. This, of course, gives a more satisfied customer, fewer bug reports with following bug fixes, a less overworked support department and – not least – happy developers.

References

- Gorm Møller, Owner of EasyFlex
- Lasse Wamsler, Head of Microsoft Development in Post Danmark
- Per Schultz, former System Manager for GSM at XPoncard/Graphium. Now at Nokia.
- Michael Larsen, former Development Manager at Xponcard. Now Product Manager at Sagem Denmark.
- Tim Kehling Pedersen, head of IT (and my boss) in Olicom A/S, now Qator.
- Anders Juul, thesis partner, former colleague and good friend.
- Bo Stig Christensen, friend and colleague in EFS Technology A/S, now at BSC Development, Gdansk, Poland.
- Peter Sikora, colleague in EFS Technology A/S, now at Optimate.
- Michael Wibe, colleague in EFS Technology A/S, now at Flip Flop Divers, Thailand (!).

If you need phone numbers and/or email addresses for any of these references, please feel free to contact me.

Work experience

(Reverse chronological order)

Period	October 2007 – now
Company	webactivity (www.webactivity.dk) Independent
Title	System Developer

Periode	Marts 2009 – nu
Virksomhed	Gentofte Kommune Independent Small adhoc assignments
Jobbeskrivelse	System design, System development, Architect, Documentation, Database Design

	March 2009 – May 2009
Project (1)	Webservice and client for mapping drives at login
Implementation	To ensure that all users have access to the right data an automatic mapping of drives takes place, dependent on group memberships in AD. A C# application runs at login on the client machine and queries an ASP.NET web service about the drives for the user in question. A small web-administration interface is used to administer groups and corresponding drive mappings. Caching at all levels was used extensively to avoid weak links.
Technologies	Visual Studio 2005, SQL Server 2005
Job description	System design, Documentation, Database Design, Programming

	Maj 2009 – Oktober 2009
Project (2)	Letters of Appointment
Implementation	A phrase based system for generating letters of appointment. Centrally phrases are entered and combinations of these are connected to specific positions. The letters can then be generated decentrally simply by entering name, address etc. of the new employee and choosing a specific position. The letters are mailed to the user.
Technologies	Visual Studio 2008, SQL Server 2005, SmartClient (AJAX-library), FCKEditor, Aspose.Words (Word document-generator)
Job description	System design, Documentation, Database Design, Programming

Period	December 2008 – now
Company	EasyFlex (www.easyflex.dk) Independent
Job description	System design, System development, Architect, Documentation, Database Design

	December 2008 – now
Project (1)	Analyze and modify a C++ application used for creating rosters for work shifts.
Implementation	Have started a thorough update of the application to achieve database independency, and make it possible to grow to meet future demands.
Technologies	Borland C++ Builder 2006, XML, XSL, Microsoft SQL Server 2005, Subversion
Job description	System design, Documentation, Database Design, Data Conversion, Programming, Bug fixing

Period	October 2007 – October 2008
Company	Post Danmark (Danish National Mail Services) Independent
Job description	System design, System development, Architect, Documentation, Database Design
	October 2007 – December 2007
Project (1)	Analyze and modify an ASP.NET application for analyzing amounts of letters. Implement missing features.
Implementation	An analysis of the existing application caused vital (especially reporting) parts of the application logic to be moved into Stored Procedures. Partly because the implementation was too convoluted to be understandable and partly because of performance considerations.
Technologies	Visual Studio 2005, ASP.NET 2.0, .NET, Microsoft C#, JavaScript, Enterprise Library 2.0, Microsoft SQL Server 2005, T-SQL, Microsoft Word 2007, Windows XP/2000/2003, CVS
Job description	System design, Documentation, Database Design, Programming, Bug fixing
	December 2007 – January 2008
Project (2)	Analyze and modify an ASP.NET application which shows locations of mail boxes and post offices on an online map.
Implementation	The application had some minor inconveniences, bugs and performance issues. These were primarily laid to rest in cooperation with the map supplier.
Technologies	Visual Studio 2005, ASP.NET 2.0, .NET, Microsoft C#, JavaScript, Enterprise Library 2.0, Microsoft SQL Server 2000, T-SQL, Windows XP/2000/2003, CVS
Job description	System design, Documentation, Database Design, Programming, Bug fixing
	December 2007 – January 2008
Project (3)	Bug fix an ASP-application which is used to maintain a database of post office and mail box locations.
Implementation	A minor job with just a few bug fixes.
Technologies	Visual Studio 2005, ASP, Microsoft VBScript, CVS
Job description	Bug fixing
	December 2007 – now
Project (4)	Build a web-application for maintaining company-paid mobile and private phone subscriptions
Implementation	Major parts of the analysis and design were done, when I entered the project. My first task was to create a Data Access Layer, which came out very inspired by LINQ (which was not available to use because of limitations in the production environment). Later in the project a migration to LINQ was started. Besides creating the DAL my tasks consisted of creating interfaces to existing systems, like an MS SQL database with existing subscriptions, and employee and organizational data from SAP. Furthermore we needed to import excel and text files.
Technologies	Visual Studio 2005, 2008, ASP.NET 2.0, 3.5, .NET, Microsoft C#, JavaScript, CSS, HTML, XML, XSL, Enterprise Library 3.1, Microsoft SQL Server 2000/2005/Express, T-SQL, Microsoft DTS ActiveX Programming, LINQ, Microsoft Word 2003, Windows XP/2000/2003, CVS
Job description	System design, Documentation, Database Design, Data Converting, Programming, Bug fixing, Unit Testing

Period	January 2002 – September 2007
Company	EFS Technology A/S (www.efstech.dk) - management buy out from XPonCard A/S (www.xponcard.dk) on 1. January 2002. EFS Technology A/S was 1. August 2007 sold to the Swedish Formpipe (http://www.formpipe.se/company/nyheter/en_070801.htm).
Title	System Developer

	January 2002 – September 2007
Project (1-7)	Various projects which I'm not allowed mentioning.
Implementation	The projects were implemented with about 400.00 lines of C++, lots of ASP.NET (JScript and C#), SQL Server (2000, 2005). The projects were mostly documented using Word (2000, 2003). Gui-development was done with Trolltech's QT. The projects were implemented so satisfactorily that EFS Technology after only 6½ yeas was sold for a substantial amount (see above link).
Technologies	C++, COM, ActiveX, ODBC, XML, Xpath, XSLT, DOM, Web Services, MAPI, SOAP, Windows NT/2000/XP/Vista. Visual C++ 6.0, 2003, 2005, Trolltech QT and QSA
Job description	System development, System design, OOD, OOP, Programming, Release Manager, Architect, User interface development, Data conversions, Documentation, Bug fixing, Implementation, OOA, Performance Tuning, Technical Writer, Test driven development, Web services.

Period	September 2001 – December 2001
Company	XPonCard A/S (www.xponcard.dk). Department for printer solutions. This department was bought by EFS Technology A/S and does therefore not exist anymore. I also worked for the Loyalty card department.
Title	System Developer

	September 2001 – December 2001
Project (1)	Build a system for reading and writing data for smart cards to an Oracle database.
Implementation	Implemented using Borland Delphi 6. The input format was described by regular expressions.
Technologies	Windows 2000, Borland Delphi 6, Script Hosting, Oracle on Unix.
Job description	System design, Programming, Documentation, Implementation.

Period	2000 – 2001
Company	Miltorb-IT Self-employed
Titles	NT Administrator MS SQL Administrator MS SQL Programming Delphi programming

	February 2000 – 2001
Application (1)	Maintaining production software for a SIM card manufacturer (Graphium, now XponCard).

Technologies	PC: Delphi 4/5, SQL Server 7.
Job description	Designing and implementing various data computing parts of the system. Administration and programming SQL Server 7.0. Various NT administration tasks.

	February 2000 – 2001
Application (2)	Main programmer on a product, used for document output management.
Technologies	PC: Delphi 4/5.
Job description	Extending functionality and bug fixes.

	2001
Application (3)	Test databases
Technologies	Visual Basic, SQL Server
Job description	Developing a system to control creation of databases for test and production. Implemented for SID (a Danish union).

Period	March 1999 – January 2000
Company	Danish Company ApS http://www.danish-company.com 3 employees Key areas: Software development on Windows.
Titles	System Developer Manager Systems Development

	March 1999 – January 2000
Application (1)	Development of production software for a SIM card manufacturer (Graphium – now XPonCard)
Technologies	PC: Delphi 4/5, MS Access, SQL Server 7.
Job description	Designing and implementing various data computing parts of the system. Implementation and migration of databases from MS Access to SQL Server.

	March 1999 – January 2000
Application (2)	Time Management
Technologies	ASP, SQL Server, IIS, Windows 2000
Job description	Design and implementation of a system for managing hours spent on customer projects.

Period	August 1997 – February 1999
Company	Olicom A/S http://www.olicom.dk Approximately 800 employees, including departments in Poland and USA. Key areas were ethernet, token-ring and ATM switches and routers. Today the company mostly works in venture business.
Titles	System Developer (internal) Database Administrator (MS SQL)

	August 1997 – July 1998
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Application (1)	Bug tracking database – PIN (Product Information Network).
Technologies	PC: DHTML, Remote Data Services (RDS), Active Server Pages (ASP), SQL Server 6.5
Job description	Merging to existing bug tracking systems. One implemented in MS Access and the other in PowerBuilder using a Sybase database. Was implemented as a web application in MS IE 4.0, DHTML and ASP on IIS 4.0

August 1998 – October 1998

Application (2)	Synchronization between SQL Server and MS Exchange
Technologies	PC: Delphi 3/4, Collaboration Data Objects (CDO).
Job description	Design and implementation of a general method for synchronizing between SQL Server og MS Exchange.

Period	March 1993 – August 1997
Company	FancyWare (Self-employed during university). Main customer was Bostik A/S, Herlev, Denmark.
Technologies	PC: DOS, Win3.1, Borland Delphi, MS Access, and other tools
Titles	Analyst Programmer System Developer

Application (1)	At Bostik A/S I developed a solution for <ul style="list-style-type: none"> • Managing customers on a laptop (MS Access 2.0 og Delphi 1.0) • A data synchronization program for synchronizing between the laptops and the companys AS/400 (Delphi 1.0).
Job description	Defining and documentation of user requirements. Analysis and design in cooperation with the users. Program development. Test.

Period	1993 – 1996
Company	The municipal youth school of Galten, Denmark.
Tasks	Teaching 8 th and 9 th grade students the use of IT.

Technical qualifications

Subject	First used	Last used	Level
Programming languages			
Beta (university OO concept language)	1991	1993	50%
C (E.g. GCC on Unix/Linux, Borland and Visual Studio on Windows)	1990	2007	80%
GNU C++	1993	1996	50%
Borland Turbo Pascal	1991	1995	100%
Borland Delphi 1/4/5/6	1992	2004	100%
Borland C++	1993	2009	80%
Microsoft Visual C++ (6, 2003, 2005, 2008)	2001	2009	100%
Microsoft Visual Basic	1997	2001	80%
Microsoft C#	2002	2009	100%
Microsoft JScript / JavaScript	1997	2009	100%
Microsoft VBScript	1997	2008	100%
Microsoft Transact SQL (T-SQL)	1997	2009	100%
Oracle PL-SQL	2001	2001	20%
Java	1995	2002	50%
Frameworks			
CPPUnit – framework for C++ unit testing	2006	2009	80%
QT – C++ framework (www.trolltech.com)	2001	2007	100%
.NET (2.0, 3.5)	2002	2009	100%
Crypto++	2002	2007	20%
Nunit – framework for .NET unit testing	2007	2009	100%
SmartClient – AJAX framework	2009	2009	80%
Tools			
CVS version control	2001	2008	100%
Subversion version control	2005	2009	100%
Numega Boundschecker (analysis tool)	1999	2002	100%
Rational Purify, Quantify, Coverage	2002	2007	100%
Setup Factory – Installer (www.indigorose.com)	2004	2007	100%
Technologies			
COM/ActiveX	1997	2007	80%
ODBC/ADO/OleDb	1997	2009	100%
XML	2001	2009	100%
XSL	2001	2009	80%
XPath	2006	2009	80%
CSS	2002	2009	50%

HTML	1997	2009	100%
DHTML (HTML + JavaScript DOM programming)	1997	2009	100%
DHTML Databinding (Microsoft Remote Data Services)	1997	1999	80%
Microsoft Active Server Pages (IIS 4, 5, 6)	1997	2008	100%
Microsoft (ASP.)NET	2002	2009	90%
<i>Server products (databases etc.)</i>			
Microsoft SQL Server 6.5	1997	1999	100%
Microsoft SQL Server 7	1998	2001	100%
Microsoft SQL Server 2000	2000	2008	100%
Microsoft SQL Server 2005	2005	2009	80%
Microsoft Exchange Server 2000	2002	2007	80%
Microsoft Exchange Server 2003	2004	2007	20%
Oracle 7/8	2001	2001	20%
<i>Platforms</i>			
MS-DOS	1991	2009	100%
Microsoft Windows 3.1	1991	1995	100%
Microsoft Windows 95/98	1995	2000	100%
Microsoft Windows NT 4 Workstation / Server	1995	2004	100%
Microsoft Windows 2000 / 2000 Server	2000	2007	100%
Microsoft Windows XP	2001	2009	100%
Microsoft Windows 2003	2003	2009	100%
Microsoft Windows Vista	2007	2009	60%
Microsoft Windows 7	2009	2009	50%
Microsoft Windows 2008	2009	2009	50%
Linux	2000	2009	50%
Unix	1991	1997	20%
<i>Applications – user</i>			
Microsoft Excel	1995	2009	50%
Microsoft Outlook	1996	2008	100%
Microsoft Project	1997	2008	50%
Microsoft Word	1993	2009	100%
Microsoft PowerPoint	1997	2008	50%
<i>Applications – programming/automation</i>			
Microsoft Access	1992	2002	80%
Microsoft Excel	1995	2007	50%
Microsoft Outlook	1996	2007	50%
Microsoft Word	1995	2007	100%
Microsoft PowerPoint	1999	2000	50%
Lotus Notes	1996	1997	20%
<i>Other</i>			
Microsoft DTS ActiveX programming	2001	2008	80%

TDD (Test Driven Development)	2006	2009	100%
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Analytical qualifications

Subject	First used	Last used	Level
Database design and implementation	1991	2009	95%
Analysing and optimizing the development process	2002	2009	50%
Analysing and implementing version control strategies.	2006	2006	100%

Administrative qualifications

Subject	First used	Last used	Level
MS Exchange Server (primarily 2000)	1997	2007	80%
MS Internet Information Server (4+5+6)	1997	2007	80%
MS NT/2000/3 Server, TCP/IP network	1997	2008	80%
MS SQL Server (6.5, 7, 2000, 2005)	1997	2008	100%

Non-fiction books

Some from before 2007	Title
Erich Gamma et. Al	Design Patterns
Steve McConnell	Software Estimation: Demystifying the Black Art
Rachel Andrew	The CSS Anthology
Rachel Andrew, Dan Shafer	HTML Utopia
Stuard Langridge	DHTML Utopia
Ial Lloyd	Build Your Own Web Site The Right Way
Danny Goodman	Dynamic HTML The Definitive Reference
Martin Fowler	UML Distilled - Third Edition
Sinan Si Alhir	UML In A Nutshell - First Edition
2007	Title
Herb Sutter	Exceptional C++
Raymond Chen	The Old New Thing
Scott W. Ambler	Agile Database Techniques
Priscilla Walmsley	Xquery
Arlen Feldman	WPF In Action with VS 2008 draft
2008	Title
Jack Herrington	Code Generation In Action
Martin Fowler	Patterns of Enterprise Application Architecture
Andrew Troelsen	Pro C# 2008 and the .Net 3.5 Platform
Kathleen Dollard	Code Generation in Microsoft .Net
Guy Smith-Ferrier	.NET Internationalization
Andrew Hunt, David Thomas	The Pragmatic Programmer
Linda M. Laird et. Al	Software Measurement and Estimation: A Practical Approach
Steve McConnell	Software Project Survival Guide
Edward Hasted	Software That Sells
Mike Mason	Pragmatic Version Control using Subversion
Venkat Subramaniam, Andy Hunt	Practices of an Agile Developer

David Allen	Getting Things Done
Frederick Brooks	The Mythical Man Month
Kendall Scott	Fast Track UML 2.0
Tom Pender	UML Bible
Alistair Cockburn	Writing Effective Use Cases
Mike Cohn	User Stories Applied
Ken Schwaber	Agile Software Development with Scrum
Scott Meyers	Effective STL
James Shore	The Art of Agile Development
2009	Titel
Thoughtworks Inc.	The Thoughtworks Anthology
Michael C. Feathers	Working Effectively with Legacy Code
Andy Hunt	Pragmatic Thinking and Learning
Kent Beck	Extreme Programming Explained
Ken Auer, Roy Miller	Extreme Programming Applied – Playing to Win

Magazines

I read on a regular basis:

- MSDN Magazine
- Technet Magazine
- SD Times
- Software Test and Performance
- IEEE Computing in Science and Engineering
- IEEE Computer
- IEEE Developing Scientific Software
- IEEE Software
- IEEE IT Professional