Freelance Systems Developer / technical writer





Name: Jesper Goll
Address: Skanderborg, Denmark
Born: 1960

Family: Married, three children

EDUCATION ETC.:

2015 (fall)
Course: "IT and Business Development in Small and Medium-size Enterprises" at University of Southern Denmark, Kolding.

1983 – 1993
BA in Philosophy, parallel studies in Computer Science.
Member of the Student Board of Aarhus University, co-editor of the philosophical quarterly Philosophia.

PROJECT EXPERIENCE:

Dynamics AX:

- **2022-2026:** Stabilization, maintenance, user support & ad-hoc developments for Kramp A/S in Skjern DK on their heavy-duty AX 2009 installation. Kramp is a major retailer in agricultural hardware & supplies, with a large and constant throughput of orders. The major impact of my time with Kramp has been a fine-tuning of various processes in order to minimize bottlenecks and disruptions, with the occasional development of new features – mainly integrations.
- **2022-2025:** Stand-in for former AX Systems Admin at Scanenergi A/S, Ikast. (Responsibilities: Maintanence of AX 2012 installation and a number of peripheral systems/integrations.)
- **2016-2019:** Developer, co-designer and technical consultant at Connect Distribution, Birmingham UK. Connect is a major European dealer in household appliances, and their servicing and spare parts. My role has been to assist with coding, module design, integrations, and general technical advice, in the company's AX 2012 implementation. I was with them during most of 2016 and into spring 2017, then again from October to December in 2018, and finally in May and June 2019. Like so many heavily customised AX installations, the Connect AX implementation has a lot of integrations to external

systems, both in-house and at partner sites. The daily transaction load is huge, so optimizations for speed and concurrency are paramount.

- **2017-2019:** Occasional shorter, temporary assignments at Scanenergi A/S – in Ikast, Denmark – on their AX 2012 installation. (For further details please see below, 2013-2014.)
- **2012-2017:** Developer and technical advisor for Flügger A/S in Kolding. The company is a major European paint manufacturer. In 2012 they were in the process of implementing AX 2009, migrating business data from an old proprietary, Cobol-based system. I was hired in mainly to program a large number of AX 2009 reports – plus a few integrations to different external devices and systems (among these Outlook/Exchange, a proprietary colour toning system, and a web service that handles "dangerous goods" documents). Lately I have been working mainly with stabilization and consolidation of the whole sales document functionality within AX, and especially with PDF generation and e-mail dispatch of sales documents.
- **2014:** Developer and technical writer at CGI Denmark A/S in Kolding. I worked primarily on the new Danish version of MECOMS – a very extensive add-on for Dynamics AX, comprising a set of administrative tools for different types of utility providers (electricity, water, heating, etc.). My primary tasks were a) testing and troubleshooting of the upgrade procedure for the new Mecoms version, b) the Danish translation of the new user interface. I also did a couple of ad-hoc assignments for one of CGI's Mecoms customers.
- **2013-2014:** Developer and technical consultant at Scanenergi A/S in Ikast, Denmark. Scanenergi have implemented AX 2012 with the belgian MECOMS-module, and have employed a number of freelance resources in their project. Scanenergi is a utility company (electricity), and a division also delivers energy optimization solutions to Danish businesses. The Danish electricity market features a high level of systems integration, with many separate operators that need inter-systems communication. My role in this project centred around various ad-hoc systems integration tasks, error detection, and the establishment of a local infrastructure at Scanenergi for development of SSRS reports. I then developed some of these.
- **2011-2014:** Developer, consultant and technical advisor for Columbus IT Partner A/S in Aarhus. The Columbus customer involved is a major Danish food retailer. My main focus has been in two areas – *firstly*, the development of a rather complex and highly configurable "assortment list" report aimed at producing individually tailored assortment and price lists for the retailing company's various customers and customer groups. Secondly, and after completing a first version of this initial project, I was then transferred to the development of a *case tracking system* for the company's customer call centre. This specialized department handles inquires, complaints, etc. from retail customers. This has been an interesting assignment, with a focus on providing the right tools at the right time and in a smoothly packaged way. (For obvious reasons, call centre operators tend to have no patience at all with slow or overcomplicated user interfaces.) On both these assignments (the assortment list and the case tracking system) I cooperated directly with the to-be end users of the software – unlike most other assignments, I was required in this case to function both as design consultant and developer. Alongside these two major projects, I had a few smaller assignments as technical advisor and/or developer in other parts of the same AX 2009 project.
- **2013:** Developer and technical consultant at Bredana A/S in Kolding. The project in this case was an AX 2012 implementation (my first). The end user company was a Danish tyre import business. I worked mainly on the user interface for a tailored purchase planning system, and also on a couple of AX 2012 reports.
- **2011:** Developer and technical consultant at Bredana A/S in Kolding – in continuation of my work with Bredana in 2010 (see below). This time my main focus was on data migration. We also developed a new version of Bredana's eDocPrinter integration for AX 2009.
- **2010:** Developer and technical consultant for Bredana A/S in Kolding, DK – on various projects, but mainly one large project at a Danish wholesaler. The work consisted in delivery of various AX modifications and adjustments (external documents, inventory

management, management of shipments, integration with the 'eDocPrinter' PDF generation module) – plus, at the aforementioned wholesale business, overview and maintenance of the customer's total AX 2009 installation.

- **2010:** Developer with Attentive A/S in Risskov, DK – on an AX 2009 project for a Danish wholesaler. My particular areas in this project were modifications and expansions of the AX standard functionality with regard to shipment of goods and inventory management.
- **2009-2010:** Developer and technical consultant for for BB Electronics A/S in Horsens, DK. The project was an upgrade of the company's ERP solution from Axapta 2.5 to AX 2009, and was carried out by a group of freelancers in cooperation with BB Electronics' internal IT department. In addition to porting various modifications from the old Axapta application, I also did a lot of work on automation of the data export/import process (made necessary because the company decided to forgo the regular data upgrade). I also did a lot of work on EDI integrations (sale and purchase) via the AX AIF module.
- **2009**: Developer and technical consultant for for Bredana A/S in Kolding, DK – on an upgrade from Axapta 3.0 to AX 2009 at a Danish transport company. In addition to the standard ports of various modifications to the AX 2009 platform, this job posed some special technical challenges due to constraints placed on the upgrade process and the time schedule involved. In order to simplify and stabilize the upgrade process, I developed an automated process that upgraded parts of the application code (mainly tables and data relations) – and a 'sister' script to handle the ensuing data upgrade.
- **2009**: Developer and technical consultant for for Tectura A/S in Copenhagen and Vejle, DK, on two different upgrade projects (Axapta 3.0 to AX 2009) – one of which included the upgrade of an integration to an external Sattstore inventory management system. This installation also included the Inventory II module for AX 2009, and the Sattstore integration needed to be modified to take this into account. In addition to this, I did some work on expansions of earlier work I had done for Tectura in Vejle (for further information please see below, year 2007).
- **2008-2009**: Implementation of AX 2009 at a Danish manufacturing company with extensive "to order" production. My main focus was on creating extensions and generalizations for the pricing system in the AX Product Builder module. The standard pricing tools were extended and more closely integrated with the general pricing system in AX. Alongside these activities I provided assistance to the Bredana support hotline, and sparring and technical assistance to other developers in the AX team. In January 2009 I developed an integration between "eDocPrinter" (a professional PDF printer solution) and the new print management function in AX 2009.
- **2008**: Implementation of AX 2009 at a Danish service provider specializing in refrigeration equipment. My focus in this project was on the development of a custom designed service module - in addition to which I had the pleasure of teaching object oriented X++ development to a "new" developer with little previous experience in this area.
- **2008**: Developer, technical consultant and technical writer at Tectura Ltd, London. From January till August 2008 I lived in London and worked for Tectura Ltd. on an AX 4.0 project for a major British food wholesaler. The project incorporated some very extensive integrations with various external systems. To begin with I wrote technical descriptions of some of the data exchange protocols - later I designed and programmed the technical implementations of the same protocols. Subsequently I cooperated with the customer's IT department on the migration of data from legacy IT systems into AX. This was a rather challenging process, as the migration had to happen gradually over several months, and a high level of automation and "handoverability" was needed. To meet these demands I designed a suite of migration tools, and in cooperation with a British consultant I wrote a detailed migration manual.
- **2007**: Implementation of AX at a large Danish medicinal wholesaler. The project incorporated a custom-built "route system" for delivery planning and delivery control. In addition to this, I worked on the finalization and optimization of various previously developed routines and tools, chiefly to do with the company's very extensive needs in the areas of inventory and delivery control.

- **2007**: Developer and technical adviser for Attentive A/S, a certified MBS partner based in Århus, DK. Project: Implementation of Dynamics Ax 4.0 in *A/S Chr. Boldsen*, a Danish wholesale supplier of tools, fittings and building materials. The Boldsen solution incorporates a specialized EDI module for electronic commerce and other data exchanges. It also features an extensive overhaul of the entire price/discount system in Axapta 4.0, and a customized inventory & sales management solution for steel girders that are bought in fixed lengths and sold in variable lengths.
- **2006**: Development of a prototype *data export module* for Dynamics Ax 4.0 (contracted by Attentive A/S). The module generates customized and ready-to-run data export classes that will export data from any Ax table (or tables) based on query data entered by the user in a query design form. Both hierarchical and flat-file data structures are supported.
- **2006**: Developer and technical adviser for Attentive A/S. Project: Delivery of an Axapta-based internal invoicing system for TDC (the largest Danish telephone operator). The solution features extensive integration to various non-Axapta systems.
- **2005-2006**: Lead developer on the Product Builder modules for both Microsoft Dynamics Ax 4.0 (Axapta 4.0) and Axapta 3.0 SP5. Product Builder is a standard module in Dynamics Ax, and was developed by Tectura in Vejle in close cooperation with Microsoft. Apart from technical responsibility for the 4.0 and 3.0 SP5 projects, I was also involved in the production of technical on-line documentation. Finally I did the ”threat modeling” on the Product Builder module (see “Other experience” below for further details on this).
- **2004-2005**: *Creditor Workflow* by Microsolutions ApS — an extension module for Axapta that enhances its abilities to automatize the handling of vendor's invoices.
- **2004-2005**: Data reorganization (virtual company, restructuring of projects, etc.) for HNG / Midt-Nord (two Danish natural gas companies located in Søborg and Viborg).
- **2004**: EDI troubleshooting at the Horizon project (Reno, USA). Advanced EDI- and XML-based communication in Axapta, both with and without Commerce Gateway.
- **2003**: Technically responsible for the Axapta implementation at KIMs A/S. Integration with off-line sales terminals, electronic data interchange with both customers and distributors. (Handled via Axapta Commerce Gateway and an MS Biztalk Server.) Further sub-projects included inventory management via hand-held (Pocket PC) bar-code terminals that used a web interface for communication with Axapta.
- **2002**: Technically responsible for the Axapta installation at Triax A/S. In this project I completed an XML/EDI-based shipment solution after the developer originally assigned to the task had left Aston Business Solutions.
- **2000-2003**: Product Builder – the extended product configuration module in Axapta – was developed by the Vejle department of Aston Business Solutions (now Tectura). Like the rest of Axapta it is translated into a number of languages along with a set of manuals, on-line help etc. My role in this project was to oversee and participate in the compilation of Danish and English on-line help, manuals, teaching materials etc., to review the texts produced, and also to review some of the translations into other languages. I also participated in the development of the course and certification programmes for the Product Builder module. As a consequence of this work, I hold the two MBS certificates for this module.
- **2002**: NewSkies (QA)
- **2001-2002**: Internal Axapta solution for Aston Business Solutions (QA, programming)
- **2001**: Kenfil (QA, programming)
- **2000**: Consiva (programming)

XAL/C5:

- **2022:** Various ad hoc C5 development at Nova Consult ApS, Skive.
- **2017-2022:** Developer, module designer and technical consultant at ITD – a trade association for Danish road haulage contractors. Mostly I’ve been working for their daughter company FDE, a VAT refund and road toll clearance company providing

services to road haulage contractors all over Europe, both in and outside the EU. This provides for an interesting set-up with lots of integrations to external systems, of which I've worked on a few. It also offers a few challenges, as the company's current ERP platform – Concorde XAL – is approaching retirement, but still needs to be kept abreast of developing business requirements. Due to sheer age, the system lacks a few facilities – such as the Unicode character set, or built-in XML capability - that are commonplace in modern systems. Creative ways then had to be found around these seeming road blocks. One interesting FDE project was the construction of a complete XML reader/writer for integration purposes, including XSD validation. Another was the design and implementation of a new integration module and UI for handling complex data exchanges with an external business partner.

- **2013:** MBS partner X-link ApS in Odder, DK. Minor repair work on a data integration to an external invoice handling system. The "end user" was a local manufacturing company in Odder.
- **2012:** Collaborated with Nigelema ApS (another Danish freelance contractor) on a bar-code reader integration to be used by inventory and OTC sales workers.
- **2006-2009**: Backup developer and technical adviser for certified MBS partner X-link ApS in Odder, DK, on various XAL- and C5-related projects.
- **2005**: Restoration of a crashed XAL "native" database. (Pharma Nord ApS)
- **1999-2003**: OTIS A/S, OTIS AB and OTIS OY. An XAL solution featuring a custom developed Service Module for handling service contracts and elevator maintenance all over Scandinavia. Text message (SMS) based integration to off-line hand terminals.
- **2000**: Jysk Display A/S (programming, troubleshooting)
- **1999**: Forskningscenter for Skov og Landskab (troubleshooting)
- **1993-94**: As in-house developer for Pharma Nord ApS, I developed the company's central information management system. This was an integrated information database, document handling system and direct mail database built with XAL technology.
- **1992-93**: I participated (on the Pharma Nord side) in the implementation of Concorde XAL at Pharma Nord ApS. This is how I became acquainted with the XAL platform.

Other:

- **2005**: "Threat modeling" by the Microsoft method (on the Product Builder project for AX 4.0). Threat modeling is a discipline dedicated to the assessment and subsequent mitigation of potential threats to IT products and their data content, etc..
- **1996-98**: Webmaster at Pharma Nord. Web development (HTML, JavaScript) and web-related extensions to various company IT systems.
- **1988-89**: In cooperation with Pharma Nord I developed "RESBASE" – a library cataloging system for scientific literature. The development platform was Borland Turbo Pascal, and the first version was ready around 1989. The system is still in use today. A good tool, even if technologically outdated.

CAREER:

Owner of Skanderborg IT Service ApS
2005 –

- Systems development
- Documentation, translations, manuals
- Web development

Co-owner of Microsolutions ApS
2004 – januar 2005

- Systems development in Axapta
- MS-SQL
- Web development
- Network administration

Systems Developer – Apply IT A/S
2003 – 2004
- Systems development in Axapta

Systems Developer – Damgaard Consulting A/S (Later part of Aston IT Group, later again part of Tectura)
1999 – 2003
- Systems development in XAL and AXAPTA (including web applications)
- User's manuals and on-line help in both English and Danish
- Network administration
- Member of the team behind the "Product Builder" module – later an integrated part of Axapta

Translation work
1999
Martin Heidegger: "Spørgsmålet om Teknikken" ("Die Frage nach der Technik", translated into Danish and published by Gyldendal and Samlerens Bogklub. Heidegger is a major German 20th century philosopher.)

Research librarian / in-house IT developer / web master – Pharma Nord
1994 – 1999
Informal, day-to-day leader of the company's research department.
Various software development projects on different platforms including XAL, Assembler, Paradox, HTML and JavaScript.
Information- and PR-related work.

Co owner of a (very) minor Danish software company
1987 – 1993
Development of stand-alone systems in Turbo Pascal, Paradox and Assembler – mostly specialized database applications.

CERTIFICATES:

- Axapta programming (fall 2004)
- Axapta 2.5 Product Builder I and II (as a member of the team that wrote the education materials and certification exams).

ADDITIONAL EXPERIENCE AND SKILLS:

IT:

(Levels from 1 to 5, where 5 is best)

Programming languages etc.	Level	From	Latest use
X++ (Dynamics AX)	5	2000	2026
XAL /C5	5	1992	2022
AX 2012 web services	3	2016	2019
Turbo Pascal	4	1988	2005
SQL	3	1999	2025
Delphi	3	2000	2010
VBscript	2	2016	2017
Visual Basic (Access)	3	2002	2006
JavaScript	4	1997	2013
HTML	4	1996	2021
DHTML	2	1996	1997
XML	4	2002	2026

Programming languages etc.	Level	From	Latest use
XSD	4	2017	2019
XSLT	3	2017	2017
Assembler (8086)	4	1988	1995
C/C++	2	1994	2025
Bash (Linux shell scripting)	3	2012	2026

Systems/platforms	Level	From	Latest use
Microsoft Dynamics AX	5	2000	2026
Microsoft Dynamics XAL	5	1992	2022
Microsoft Dynamics AX AIF	5	2008	2014
Microsoft Dynamics AX Product Builder	5	2000	2010
MS-SQL DBA	4	2000	2026
Windows	4	1990	2026
Microsoft Dynamics C5	3	2006	2022
Oracle DBA	3	2000	2003
Windows networking	3	1995	2026
MS Biztalk Server	3	2003	2003
Linux (OpenSuse)	3	2011	2026

Other experience:

Languages:

- Danish and English at a professionally useful level – for written documentation, technical manuals, promotion material etc.
- Swedish at average "native" level, written and spoken.
- German at intermediate level.
- Some knowledge of Russian.

Hobbies/interests:

I have practised Tai Chi Chuan (Yang style) for many years, and I am a member of the Off Beat choir (based in Aarhus). I still have a large interest in philosophy, and also a certain weakness for non-mainstream literature, especially science fiction.

Other:

I believe my largest assets as a freelancer are good craftsmanship, a sense of humour, and an absolute refusal to give up.

Latest update: 26th of September 2026