

## Søren Pedersen

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### Short summary

Senior C#/.NET developer with strong skills in **architecture, system integration, database design** and general development – focus on .NET (C#).

Has strong knowledge in integration and data communication between client, middle-tier server and backend server (**SQL Server**) – worked a lot with multithreaded services (typical using **WCF**).

Had the responsibility for architecture and development of "Commerce Gateway", Microsoft Dynamics NAV (Navision's) B2B solution build upon **MS BizTalk Server** 2000/2002 and 2004/2006. Has experience with BizTalk 2009/2010.

Worked for Microsoft (MDCC) in 1999-2008 – achieved a **Gold Star Award** for implementing Kerberos authenticating (tcps) in the Navision stack in only 14 days.

**Technologies:** C# (.NET), WPF, WCF, XML (XSD and XSLT), MS SQL Server, Entity Framework and MS BizTalk Server.

**Main keyword:** Passion for technology – and sharing knowledge.

### Education

1993 Bachelor of Science in Electronic Engineering.

Further: MCP/MCT (Microsoft Certified Professional/Trainer) within MS SQL Server and MS Access. Has taught the official certification courses in these areas.

**CEH** (Certified Ethical Hacker – "White hat") a certification within security. (<http://www.eccouncil.org/CEH.htm>)

## Experience

(Permanent position)

### **2015/10... Danske Bank, Senior Developer**

Having the technical responsibility on developing the new Depository Services System, working close with stakeholders having business knowledge. Also, at the same time, teaching younger developers the art of C#/development.

Technical responsibility: Full Stack development/architecture from Database (Entity Framework – Code First), Services (WCF) to Frontend (WPF) – and ClickOnce deployment.

Technology: C# (.NET), WCF, WPF, MS SQL Server and Entity Framework.

Role: Senior developer/Architect.

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(Permanent position)

### **2013/12-2015/9 Schultz, consultant**

Working on larger public web projects with focus on backend development/integration.

Lately also moved into frontend development with ASP.NET MVC, Bootstrap, Knockout and AngularJS (JavaScript).

Technology: C# (.NET), WCF, REST/Web API, ASP.NET MVC, Knockout, AngularJS, MS SQL Server and Entity Framework.

Role: Senior developer.

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(Permanent position)

### **2012/03-2013/11 FOSS, system developer**

Focus on .NET (C#), WCF and Entity Framework on FOSS new platform. Also worked with C/C++ (MFC) doing error corrections on existing platform.

Worked with optimizing of WCF and SQL Server performance – Index optimizing, Stored Procedure...

Technology: C# (.NET), WCF, MS SQL Server and C/C++.

Role: Developer and design (architect).

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(Freelance period)

### **2011-2012/03 Make IT Right (owner)**

Focus on .NET (C#), WCF, BizTalk and general development.

**Latest larger project as a freelancer:**

**NNIT (2011/05 – 2011/12)**

Backend development with focus on Claims based security (handling of SAML metadata) and Active Directory Federation Services (ADFS).

Technology: C# (.NET), MS SQL Server, Entity Framework, WCF and ADFS.

Role: Developer.

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(Permanent position)

**2009-2011 Saint-Gobain Distribution Denmark, IT Team Manager**

Started as a senior developer with focus on integration (BizTalk/WCF) – ended as an IT Team Manager with 5 developers.

One of the primary tasks was to get the external business flow moved to BizTalk Server 2009 (EDIFACT/UBL). Another important task was to introduce processes to support the development team in the future.

Technology: C# (.NET), WCF, XML, XSD, BizTalk 2009, MS SQL Server.

Role: System architect, developer and team lead.

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(Freelance period)

**2008-2009 Make IT Right (owner)**

After more than 9 years at Microsoft/Navision, turned over to own consulting company Make IT Right ([www.MakeItRight.dk](http://www.MakeItRight.dk)).

The company had existed since year 2000, but only as a moonlighting company.

**Latest larger project as a freelancer:**

**NNIT (2009/05 - 2009/06)**

Larger Web based supplier system to a larger public customer.

My part of the project was to integrate between the clients and a search engine (WCF).

Technology: C# (.NET), MS SQL Server, Windows Communication Foundation (WCF).

Role: Developer and adviser.

**GN Netcom (2008/10 - 2009/05)**

A large BizTalk 2006 integration project that connected 3 Chinese factories, GN Netcom and UPS in a **Supply Chain** solution with Navision in the center.

Technology: BizTalk 2006, C# (.NET), MS SQL Server, XML, XSD.

Role: Developer, architect and adviser.

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(Permanent position – Microsoft/Navision)

**1999-2008 Microsoft Development Center Copenhagen (MDCC)/Navision**

(2006-2008) Senior developer on the Server team with focus on the communication protocol between Navision's new client and middle tier server (WCF).

Technology: C# (.NET), MS SQL Server, WCF, XML, XSD, Navision (C/SIDE), BizTalk 2004/2006.

Role: Senior developer/solution architect.

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(Permanent position – Microsoft/Navision)

**1999-2008 Microsoft Development Center Copenhagen (MDCC)/Navision**

(2001-2006) Lead Developer in the Systems Integration Team, primarily focusing on BizTalk integration (Commerce Gateway).

Besides working on the Commerce Gateway project, also Implemented the "Secure option" for Navision "TCPS" (Kerberos, C/C++) – got a "Gold Star Award" for the effort (Microsoft recognition).

Technology: C# (.NET), MS SQL Server, MS BizTalk Server 2000, 2002, 2004 og 2006, XML, XSD, C/C++ og Navision (C/SIDE).

Role: Developer, architect, database design and team lead.

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(Permanent position – Microsoft/Navision)

**1999-2008 Microsoft Development Center Copenhagen (MDCC)/Navision**

(1999-2001) Business Analytics (OLAP/VB6).

The task was to deliver BI information's from the transactional database used by Navision to OLAP Cubes.

Technology: Navision (C/SIDE), VB6, MS SQL Server and MS OLAP Server.

Role: Developer, architect and database design.

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(Permanent position)

**1999-1999 Mobilix (Orange), developer in Data warehouse**

ETL and assistance in analyzing data (SQL).

Technology: Oracle/SQL.

Role: Developer and database design.

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(Permanent position)

**1995-1999 4D Konsulenterne A/S, developer and teacher**

Mainly worked as a consultant within Microsoft database technology. Had almost 100 different customers (smaller projects) in this time.

Technology: MS Access, MS SQL Server and VB6.

Role: Developer, architect and database design.

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(Permanent position)

**1994-1995 FC gruppen A/S, developer and teacher**

Mainly worked as a consultant within Microsoft database technology.

Technology: MS Access, MS SQL Server and VB6.

Role: Developer, architect and database design.

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(Permanent position)

**1993-1994 PEH Data, network programmer**

Developed drivers for ISDN network cards. Very low-level development including assembler code.

Technology: C and Assembler.

Role: Developer

**Miscellaneous**

Born 9. August 1964.

Married with two children, adopted from Vietnam.

Nonsmoker.

