



Henrik Staun Poulsen

Database developer

Resumé

You have before you an experienced Database Developer and architect. I have an extensive knowledge about Microsoft SQL Server and Azure SQL Database, which I have spoken about at conferences.

I am an active user of [Stack Overflow](#), where my current score place me in the top 4% worldwide. I participate in the development of a popular Open Source tool called "Sp_bltz", where I have programmed the conversion to Azure SQL Database. I do this because I am motivated by helping others.

The SQL Server is often the most expensive software (7000\$ per core) in the company, and I help with maximising the outcome of this investment, by identifying the worst performing code and suggesting alternative methods. I have seen many different databases, and I am able to suggest solutions, which provides the company the necessary information with a sufficient accuracy and minimal latency.

There are very many components in Azure, and they are not all mature and well tested. I have 2 years of fulltime experience on Azure SQL Database and Azure Analysis Services (SSAS), so I can help you building things that work.

Main competence areas

- Database
- Data warehouse
- Business Intelligence (BI)
- Programming

Work roles

- Database Engineer
- Data Architect
- Database Administrator
- BI Specialist
- Developer

Industry knowledge

- Business services
Software vendors and consultants
- Energy
Electricity
- Finance
Asset Management, Banks
Global banks, Banks - Investment banking, Banks - Private banking, Banks - Retail banking, Insurance, Mortgage credit
- Fishing industry
- International organizations
- IT
Consultancy, Data Centers & Cloud,
Data processing, Software vendor
- Manufacturing
Electronics, Tools

Application and business focus

- Business Intelligence on IOT data (fish/chicken)
- Business Intelligence on claim and insurance
- Dept collection
- Business Intelligence for the Wind industry
- Reconciliation system for banking

Career

InsuBiz ApS

Nov 2018 - present - DBA Developer

InsuBiz sells a central online solution for claim management, insurance analysis and risk management, with interfaces to EASY, CPR and the Central Motor Register.

I took responsibility for an older SQL Server 2008 server, fixed a lot of inconveniences, and moved it to a Microsoft Azure SQL Database. I also developed a Power BI system and the associated Azure Analysis Services (tabular) cube.

Result:

InsuBiz is now able to show their customers that they have a safe and modern platform with a high up-time, good performance and that they abide by the GDPR.

BAADER Logistix A/S

Aug 2017 - Nov 2018 - DBA

BAADER Logistix delivers software for the chicken- and fish-processing industry.

I was responsible for several older SQL Servers, and had them upgraded to SQL Server 2017, where I arranged a good procurement agreement with Microsoft. I developed a new database for collecting measurement data from the company's IOT machinery, e.g. salmon filleting.

Result:

After a few months, the SQL Server was no longer blamed for all incidents, and the company had a very nice saving on the purchase of SQL Server licences.

Vestas Wind Systems A/S

Apr 2005 - Aug 2017 - Specialist

Vestas collects measurement data from their wind turbines and SCADA systems.

I took part in the development of a 70 TB Data Warehouse and Business Intelligence system on this data, with master data from SAP, Infor XA, and other internal systems. We used a framework that Vestas bought from Platon, including source code, and we enhanced it quite a bit. We used BIML from Varigence for the E part of ETL, and C# and T-SQL for the T part.

I have worked with SSIS since 2005 where it became generally available. Initially in VB but in C# after 2012. I was beta tester on the FileTable feature, and External Tables, as I strive to build the best possible data structure for the users' requirements, often with inspiration from Ralph Kimball. I am an early adopter of new technology, if I can see benefits for the customer.

Result:

Vestas can predict when turbines fail, so they can be repaired in the right order, and they can identify any systematic errors in their turbines.

DAI A/S (later ebh bank, Lindorf, Lowell)

Oct 2002 - Apr 2005 - Chefkonsulent

DAI traded "pantebreve" and overdue debt.

I programmed DataFlex 3.1 applications on AIX; a "pantebrevssystem" and a debt collection system with interface to a document scanning system on MS SQL Server.

result:

DAI got security in many "andelsboliger". The system had an improved performance, so it was possible for DAI to employ another 50 consultants.

City Networks Ltd, London

Nov 1992 - Feb 1996 - Analyst programmer

I was the main developer on a reconciliation system for large banks. Later I helped Commerzbank in Frankfurt with the implementation.

Skills

Skill	Level	Experience	Last used
Microsoft SQL Server 2000-2019	★★★★★	20 years	2020
Microsoft Azure SQL Database	★★★★★	2 years	2020
Microsoft Transact-SQL (T-SQL)	★★★★★	20 years	2020
Microsoft SQL Server Integration Services (SSIS)	★★★★★	12 years	2018
Microsoft SQL Server Reporting Services (SSRS)	★★★★★	1 year	2018
SQL Server Analysis Services (SSAS)	★★★★☆	2 years	2020
Azure Analysis Services	★★★★☆	2 years	2020
SSAS Tabular	★★★★☆	2 years	2020
DAX	★★★★☆	2 years	2020
DataFlex	★★★★★	20 years	2010
Delphi	★★★★★	10 years	2010
PowerShell	★★★★★	4 years	2020
R	★★★★☆	1 year	2017
Dimensional Modelling	★★★★★	10 years	2020
Kimball inspired Platon framework	★★★★☆	7 years	2017
Data Warehousing	★★★★★	12 years	2020
Power BI	★★★★☆	3 years	2020

Education

1988	Ingeniørhøjskolen Aarhus Teknikum Bachelor of science in engineering
1983	Amtsgymnasiet i Paderup matematisk-fysiske linje

Courses

2015	Statistical Learning / Stanford
1989	Regnskabslære/driftøkonomi

Certifications

- 2012 SCRUM Master
- 2011 Design for Six Sigma
- 2006 Microsoft Certified Database Administrator (MCDBA)
- 2005 Microsoft Certified IT Professional (MCITP)

Languages

- Danish
 - Native or bilingual proficiency
- Norwegian
 - Full professional proficiency
- English
 - Full professional proficiency

Networks and communities

- MsBip
<http://msbip.dk/>
- Stack Overflow:
<https://stackoverflow.com/users/106843/henrik-staun-poulsen>
- Linked-In:
<http://www.linkedin.com/in/henrikstaunpoulsen>