



Sune Scherfig
System Developer / Database Specialist



Professional exp. since
1984

Profile resume

Senior System Developer and Database Specialist with +20 years of experience, specializing in Excel, VBA, and Microsoft Access. He can optimize complex tools and processes effectively and is adept at identifying pain points and implementing efficient solutions to enhance stability, usability, and performance. Furthermore, he has extensive experience in preparing and maintaining documentation, e.g., user, administrator, technical support, and programmer system documentation.

The consultant is an expert in database design, programming, relocation, migration and upgrading in Access and MS SQL, and in integration of data between Excel, Access, MS SQL, and MySQL databases as well as special systems via XML/CSV/Webservices. He also has vast experience with the development, updating, optimization and maintenance of databases and user interface using VBA, ASP, etc.

The consultant's Excel expertise becomes evident when looking at his projects. Since 2005, he has been responsible for the maintenance and development of the Department of Forensic Medicine's invoicing system built on Access/VBA/SQL. This involves ongoing integration with Excel for reporting and statistics as well as migration to new versions of Office and of SQL Server.

Another example is his recent project at Bluepack A/S (2021-2024), where he worked as a Developer and Project Manager. He developed a complete quotation, order, and complaints system, which involved intensive use of VBA to manage the export and import of several Excel and Word documents. The consultant was also responsible for the workflow with automatic creation of advanced, customer-specific Excel documents, management of rights in Excel, and the collection and processing of data for statistics.

The consultant is structured and result-oriented and possesses an analytical mind enabling him to find solutions to complex problems. He is also a great communicator, who aligns with stakeholders and facilitates knowledge effectively - a skillset which has been strengthened by his project management experience.

The consultant has primarily worked with the following technologies/skills: Excel, VBA, VB Script, JavaScript, ASP, HTML, SQL, Microsoft Access, MS SQL Server, IIS. He has a MSCE+I certification and is fluent in English.

Competences

Competence levels: Expert, Very experienced, Experienced, Good knowledge, Some knowledge.

Working area	Level	Last used	Years
System Development	Expert	2024	23
System Design	Expert	2024	23
System Integration	Expert	2023	23
Database Development	Expert	2024	23
Database Design	Expert	2021	20
Data Management	Expert	2024	23
Frontend	Expert	2021	23
User Interface Development (UI)	Expert	2024	23
Implementation	Expert	2021	22
Programming	Expert	2024	26
Migration	Expert	2021	11
Upgrade	Expert	2021	17
Error Corrections	Expert	2024	23
Webmaster	Expert	2024	22
Communication & Dissemination	Expert	2024	20
Documentation	Very Experienced	2021	22

Project Management	Very Experienced	2024	20
System Administration	Very Experienced	2021	22
Workflow & Document Management	Very Experienced	2021	17
Maintenance	Very Experienced	2021	12
Web Services	Very Experienced	2021	9
Productivity and Collaboration	Very Experienced	2024	20
Facilitation	Very Experienced	2024	20
Stakeholder Management	Very Experienced	2024	20
Web Design	Experienced	2021	18
System Test	Experienced	2021	12
Databases	Level	Last used	Years
Microsoft Access	Expert	2024	20
Microsoft SQL Server	Expert	2024	17
MySQL	Very Experienced	2017	5
Languages	Level	Last used	Years
VBA	Expert	2024	17
VBScript	Expert	2021	22
HTML	Expert	2024	22
JavaScript	Expert	2024	22
Technologies	Level	Last used	Years
Active Server Pages (ASP)	Expert	2024	22
XML	Very Experienced	2023	8
Google Analytics	Very Experienced	2023	10
Stored Procedures (STP)	Very Experienced	2024	21
Google Web Master Tools	Experienced	2023	9
Development tools	Level	Last used	Years
Microsoft Visual Studio	Very Experienced	2023	16
Business and office support applications	Level	Last used	Years
Microsoft Excel	Expert	2024	21
Microsoft Word	Expert	2024	19
Microsoft Office	Expert	2024	21
Google Apps	Very Experienced	2024	7
Middleware OS system software	Level	Last used	Years
Microsoft Internet Information Services (IIS)	Expert	2023	20
Industries	Level	Last used	Years
Public Sector	Expert	2024	14
Trade & Service	Very Experienced	2023	22
Transport & Logistics	Very Experienced	2024	15

Project experience

Department of Forensic Medicine

2005/10 – 2024/5

Developer and Project Manager

Ongoing maintenance and development of the client's invoicing system.

The consultant's responsibilities/actions were:

- Handling invoicing system with import from external departmental systems (built on Access/VBA/SQL).
- Preparation and ongoing maintenance of documentation for user, support, and programmer system documentation.
- Integration with KU Navision accounts (XML).
- Integration with web shop for ordering sample kits.
- Integration with Excel for reporting and statistics.
- Automation of a comprehensive print and export functionality.
- Migration to new versions of Office and of SQL Server, most recently in 2020.

VBA | Microsoft Access | Microsoft Excel | Microsoft SQL Server | Stored Procedures (STP) | Documentation | Migration | Database Development | Project Management | User Interface Development (UI)

Berg & Larsen A/S

2015/2 – 2024/5

Developer and Project Manager

The consultant's responsibilities/actions were:

- Purchase and sale of spare parts for Shipping for international company.
- Purchases, offers, orders, deliveries, statistics.
- Business program in Access frontend / MS SQL backend and web components and XML for integration with forwarders' booking systems and migrated everything to take place digitally.
- Integration with Excel for importing and exporting data, as well as reporting and statistics.
- Migrated Access from 2003 to 2007 (in 2015).
- Migrated all frontend Access databases from 2010 to Access 2016, with corresponding optimization of the SQL backend.
- Comprehensive documentation for use in transferring a company.
- Moved all print to email and XML.

Microsoft Access | Microsoft SQL Server | VBA | XML | Microsoft Excel | Database Development | Documentation | Migration | Project Management | User Interface Development (UI)

Department of Forensic Medicine

2016/6 – 2024/3

Developer and Project Manager

The consultant's responsibilities/actions were:

- Working on "HighResNPS" - a web-database for forensics enabling joint registration of new drugs with user registrations that are validated and consolidated.
- Import and Export of data to/from Excel.
- Development and implementation.
- Documentation for users, administrators, and technical support.
- Maintenance with new features.

Microsoft Access | Microsoft Excel | JavaScript | HTML | Implementation | Documentation | Maintenance | Migration | Active Server Pages (ASP) | Project Management | User Interface Development (UI)

Bluepack A/S

2021/9 – 2024/2

Developer and Project Manager

The consultant's responsibilities/actions were:

- Development of a complete quotation and complaints system with continuous import/export of data from existing Excel and Word documents.
- Workflow with automatic creation of advanced, customer-specific Excel documents with quotation, approval, adaptation, follow-up and repeated import and export of Excel documents, based on a central Access database.
- Management of rights in Excel, for the company's departments, customers, and suppliers.
- Management of complaints flow, from customer inquiry to consequence/archiving.

- Collection and processing of data for statistics.

VBA | Microsoft Access | Microsoft Excel | Workflow & Document Management | Documentation | Microsoft Word | Project Management | Database Development | User Interface Development (UI)

Department of Forensic Medicine

2017/8 – 2018/1

Developer and Project Manager

The consultant's responsibilities/actions were:

- Migration of UniLock access control for the Teilum building.
- Comprehensive version upgrade, with associated self-developed Access-based reporting program.
- System documentation.
- User training/support.

Microsoft SQL Server | Microsoft Access | Migration | Documentation | VBA | Project Management | Database Development | User Interface Development (UI)

Vision of Scandinavia

2003/9 – 2017/12

Developer and Project Manager

The consultant's responsibilities/actions were:

- Booking system for tour operator with 20 employees built on SQL.
- Complete system that handles sales, booking with suppliers, vouchers, profit calculations, invoicing, PDF, email, etc.
- Last update contained statistical calculations, free space management, creditor invoicing etc., VAT reports etc.
- Training employees on how to use the system.

HTML | JavaScript | Microsoft SQL Server | MySQL | Active Server Pages (ASP) | User Interface Development (UI) | Project Management

Department of Forensic Medicine

2017/12 – 2017/12

Developer and Project Manager

The consultant's responsibilities/actions were:

- Creating database for access rights to systems on a closed network, for people and departments, with time periods and right types.
- Implementation of the database.
- Database design and user interface.

Microsoft Access | VBA | Microsoft SQL Server | Database Design | User Interface Development (UI) | Implementation

Department of Forensic Medicine

2017/2 – 2017/12

Developer and Project Manager

The consultant's responsibilities/actions were:

- RI invoicing: Update of Access databases from 2010 to 2016.
 - 2010 version was ADP solution (100% integrated with MS SQL backend), which is no longer supported in Access 2016, therefore most views and stored procedures are rewritten to ODBC connections.
- Other MDB databases upgraded to 2016 by standard code and component customization.
- Inserted code for easy switching between test data and production data.

Microsoft Access | VBA | Microsoft SQL Server | Migration | Documentation | Project Management | User Interface Development (UI)

Courses and certification

	Year	Type
Microsoft Certified Professional in Systems Integration (MCPSI)	2006	Certification
Microsoft Certified Technology Specialist in SQL Server 2005 (MCTS)	2006	Certification
Microsoft Certified Managing Windows Server 2003 Office 2003	2006	Certification
Microsoft Small Business Specialist (MCPS + MCNPS)	2005	Course
MCSE+I (NT)	2005	Certification
	1999	Certification

Languages

	Spoken level	Written level
Danish	Native or Bilingual Proficiency	Native or Bilingual Proficiency
English	Full Professional Proficiency	Full Professional Proficiency