

Project description MICROSOFT SQL SERVER PROJEKTE

Microsoft development, database development and database administration, web portals and OO development...

Microsoft software developer, software architect, project manager, requirement analyst and consultant. Database development in the area of Microsoft SQL Server as well as administration of complex database systems and specialist for complex database migrations in clusters. Database development using Oracle and PL SQL as well as performance tuning in the Oracle environment. Specialist for the creation of complex ETL lines in the area of SQL Server using T-SQL and SSIS. Data warehouse developer, architect and consultant in the area of Microsoft SQL Server using T-SQL, SSIS, SSAS and SSRS..

PERSONAL DATA

Name: Stefan Troehler

Phone P CH: +41 (0)56 511 60 17
Phone G CH: +41 (0)56 511 60 15
Phone G DE: Follows
Mobile G CH: +41 (0)76 737 00 84

E-Mail: stefan.troehler@troehler.it
Website: <https://troehler.bs4y.site/>
Portfolio: <https://portfolio.bs4y.site/>
Company: <https://web.bs4y.site/>

Date of birth: 21.09.1964
Civil status: Divorced
Nationality: CH / Swiss



Address Switzerland
Stefan Tröhler
Luzernerstrasse 24
5712 Beinwil am See
(Registration address)

Company address CH
bs4y stefan troehler
Luzernerstrasse 24
5712 Beinwil am See
(Company address)

Company address DE
bs4y stefan troehler
Leopoldstraße 31
80802 München
(Company address)

Company address AT
bs4y stefan troehler
Neubaugasse 24/1
8020 Graz
(Company address)

MARKET PERFORMANCE

My CONTRIBUTION

Due to my several years of profound experience in the fields of requirement engineering, design of applications, databases and multi-layer architectures, development, realisation and implementation, support and maintenance, in the environment of MICROSOFT, DATABASE AND DWH DEVELOPMENT, I am able to identify quickly and competently with your project and to implement organisational and technical optimisation approaches professionally. Due to my flair for new technologies and my high level of technical understanding, I can professionally implement new solution ideas into your existing system landscape. As a strong communicator I support the flow of information between all project participants and as a team player I enrich your development team.

My PROFILE

With more than 30 years of professional experience and more than 100 realised projects in the functions of software developer and consultant for IT projects in the three areas of Microsoft development, database development and database administration, I can be an enormous enrichment for your team as well as for your project. With my commitment and my professional competence I can significantly contribute to a goal-oriented and professional completion of your project. Below is an excerpt from my technical knowledge and experience of the past 30 years:

Database development and consulting

- Database Consultant / Architect and Developer for Microsoft SQL Server, Oracle, Sybase and PostgreSQL Databases.
- Data Warehouse Consultant / Architect and developer with profound technical knowledge.
- Profound expertise in SQL, T-SQL, SSIS, SSAS OLAP Cubes Design, Stored Procedure, Function Development, ETL with SQL Server Integration Services (SSIS), Reporting with SQL Server Reporting Services (SSRS), SQL Server Analysis Service CUBEs, (SSAS), database optimisation and data migration.
- Maintenance and support of multi-tier database systems and database applications.

Database administration Microsoft SQL Server

- Installing and configuring SQL Server.
- Configuring SQL Server databases and storage.
- Planning and implementing a backup strategy.
- Restoring databases from backups.
- Importing and exporting data.
- Monitoring SQL Server.
- Tracking SQL Server activity.
- Manage SQL Server Security.
- Perform ongoing database maintenance and database optimisations.
- Automate SQL Server maintenance with SQL Server Agent jobs.
- Configure database mail, alerts and notifications.
- Migrate from SQL Server cluster to cluster.
- Migrate all SQL Server internally.
- Cluster to single.
- Migration of a virtual SQL Server cluster.
- Installing SQL Server Virtual Cluster.
- Migration of all SQL Server for customers ARZ.
- Ticket processing.
- Training SSIS, SSAS and SSRS installations.

General

- Logical, analytical thinking combined with a high level of understanding for the technical implementation of requirements.
- Competent in negotiations, convincing and entrepreneurial thinking.
- Very good knowledge of German and English, both spoken and written.

WORK EXPERIENCE SQL SERVER PROJECTS

Nov 2020 – Dec
2020

Mann+Hummel, Speyer, Germany

Complex Microsoft SQL Server - migration into a cluster

Due to the technical conditions of the customer, a direct migration from the existing cluster to the new cluster is not possible. For this reason, a node of the existing cluster is removed during this migration, a local SQL server is created on it and the original SQL server on the cluster is migrated to this local SQL server. This in the form of a pre-migration. Then the new cluster is created and the databases of the local SQL Server are migrated to this cluster. The reason for this procedure is the use of SUN, which is crucial for the fact that the old cluster environment can no longer be accessed after the migration of the cluster

- Premigration of the database server on the cluster to a local installation.
- Creation of the new cluster.
- Migration of the local installation of the database server to the new cluster.

Jan 2020 – Dec
2020

ARZ Innsbruck

Specialist for Microsoft SQL Server migrations as well as DBA Admin

Support of a team in a data centre as SQL Server administrator with the main task of carrying out more complex migrations into a cluster for customer-side databases and for internal databases. Additional support in the processing of tickets in the general operation of the databases and the installation of special applications as well as the

migration of complex data warehouse environments and the required tools such as SSIS, SSAS and the SSRS.

- Install and configure SQL Server.
- Configure SQL Server databases and storage.
- Plan and implement a backup strategy.
- Restore databases from backups.
- Importing and exporting data.
- Monitoring SQL Server.
- Tracking SQL Server activities.
- Manage SQL Server security.
- Knowing data access and data encryption.
- Perform ongoing database maintenance and optimisation.
- Automate SQL Server maintenance with SQL Server Agent jobs.
- Configure database mails, alerts and notifications.
- Migration of all SQL Servers internally.
- Migration of all SQL Servers for customers ARZ.
- Migration from SQL Server cluster to cluster.
- Migration of all SQL Server intern.
- Cluster to single.
- Migration of SQL Server Virtual Cluster.
- Installation of SQL Server Virtual Cluster.
- Migration of all SQL Servers for customers ARZ.
- Ticket handling.
- Training SSIS, SSAS and SSRS installations.
- Consulting function, does not affect 100% workload.

May 2020 – Now

IBM Kelsterbach

Matrix42, Microsoft SQL Server, T-SQL, Reporting Server

Based on the Matrix42 Workflow Management application, reporting on compliance with SLA contracts is created taking into account IBM's SLA contracts. The source of the data is the Microsoft SQL Server, which serves as the backend of the Matrix42 Workflow Management application. Using dynamic functions, both the reports are generated in Matrix and Github generates the workflows, which automatically generate monthly or temporary calculations for the reports. The following is a small excerpt of the knowledge required for the implementation of this project:

- Create SLA reports in Matrix42 (Microsoft Reporting Server).
- Create workflows in Matrix42 (T-SQL, SQL).
- Create complex queries with T-SQL (T-SQL, SQL).
- Creating complex stored procedures with T-SQL (T-SQL, SQL).
- Creating complex functions with T-SQL (T-SQL, SQL).
- Testing dynamic complex reports (T-SQL, SQL).
- Dynamic complex queries (T-SQL, SQL).
- Dynamic workflow with T-SQL (T-SQL, SQL).

Jan 2020 – Nov
2020

Julius Baer, Zurich

Access, VBA, Microsoft SQL Server – Microsoft Competence

This project can be divided into three main tasks:

Task one: Create an application using Microsoft Access for the calculation and reporting of the TAX calculations for Italy and France. The application includes the import of the tax files taking into account weekends and holidays, the listing of the imported files as well as the possibility to store remarks regarding the imported files. The second area of the application allows for correction entries in relation to the imported data and the third area of the application creates a reconciliation between the financial data of the core application and the financial data imported by the system. The application was implemented using Microsoft Access (backend) and the frontend was also provided in Microsoft Access using VBA.

- Creation of an application for the TAX authorities of France and Italy.
- Integration of 40 applications into a MS Access template.
- Development of various applications using VBA, Access.
- Development of various applications using VBA, Access, SQL Server.
- Creation of complex reconciliations using VBA and T-SQL.
- Creating user forms and their functionalities.
- Creating input checks and data reconciliations / synchronisations.

Task two: Create an application for Triple AAA to manage the restrictions on the client side. For this purpose, a Microsoft SQL server was used, which served as the backend, and a Microsoft Access database, which served as the frontend. My scope of work was the backend development with the following requirements necessary to implement the project.

- Creating queries using Microsoft SQL.
- Create stored procedures using Microsoft T-SQL.
- Create communication interfaces using Filetransfer.
- Create communication interfaces using Jason.
- Creating communication interfaces using XML.
- All communication interfaces were created in the form of stored functions or stored procedures using Microsoft T-SQL.

Jul 2018 – Feb 2020

UBS AG, CTO, SDLC Host based MS Access development

Microsoft Access-Entwickler / Berater - Microsoft Access, Microsoft Excel, VBA, SQL Server, T-SQL, Jira, SAP, Oracle, DWH, Microsoft SQL Server, SSIS, Alterix

Project SDLC Reporting

The project consists of several databases, which contain the tables needed to import the data, the queries needed to refine the data, the macros needed to execute the workflow, which in turn are started by the Power Shell scripts and in turn call the functions and procedures developed using VBA. Each of these individual databases can be compared to an ETL route. Further databases consolidate the data for reporting with regard to the SDLC reports. Procedure for executing the entire application: Power Shell scripts call the macros, which in turn call the complex VBA logicians for importing the data, cleaning the data and consolidating the data. The entire application was developed using Microsoft Access, VBA and Power Shell.

- Develop a host-controlled MS Access load of data.
- Loading of tables in Alterix and SSIS, T-SQL.
- Loading of DWH tables.
- Loading of Applications data (JIRA, RNOW etc.).
- Output and reporting.
- Creating complex workflows with Power Shell.
- Data synchronisation between different applications (DAP/ADO).
- Data synchronisation between different applications (DAP/ADO).
- Complex SQL queries in MS Access.
- Import of different data sources.

Access2Git project

The aim of this project is to break down the individual Access applications into their objects, save the objects in the form of text files and import these in turn into Github. This ensures that the individual objects, which in turn form an application, can be properly managed in a version and source code management. Of course, objects can also be obtained from the source code management and thus the applications can be formed again from the individual objects. It is also possible to merge objects from different versions into a new version. The entire application was developed using Microsoft Access and VBA.

- - Administration of the MS Access databases involved (approx. 20 DB).
- - Object-related backup and restore of all MS Access databases.
- - Object-related creation of versions and rebuild of applications.
- - MS Access object output to GITHUP.

- - Creation of the logic by means of VBA.
- Creating the user interfaces in Access using VBA.
- Creating the input validations using VBA.

Project MAQualification

The application is already a dynamic Excel, which performs various calculations based on the self-assessment of the employees and subsequently performs a graphical evaluation regarding the self-assessment of the employees of the GROUP CTO department of UBS AG. The application was developed using Microsoft Excel and VBA. The data is entered manually in a template.

- Create dynamic tables using VBA.
- Calculate scores using VBA.
- Output of evaluations by means of dynamic diagrams.
- Synchronisation of data using VBA.

Project ProjectCallulation

The application was realised with Microsoft Excel and Microsoft VBA. Data is loaded from the systems, refined and calculated. Dynamic tables are created in which both hours and costs of the individual bookings of the systems are calculated against the effective figures of the responsible departments. Complex calculations are implemented to create the dynamic tables and to reconcile the financial data and the time data, and the results are output in various reports that are exported as individual Excel tables.

- Create dynamic tables using VBA.
- Calculate financial data using VBA.
- Display the calculated data in the form of dynamic tables.
- Exporting the dynamic tables as reports for the individual department heads as well as for the responsible persons in Finance

Nov 2019 – Feb
2020

NEF, Deutschland

Microsoft Access, VBA, SQL Microsoft SQL Server / Consultant

Adapting and extending an existing Microsoft Access solution. Originally, four files were imported, the data was refined and then evaluated. The evaluations concerned the distribution of the company NEF in Germany. The user interface already existed, realised with Microsoft Access and VBA; this was made a bit more modern and clearer and the new functionality was integrated. In the new application, only two files are now imported and the data is evaluated on the basis of the two files. Again, the import is done by VBA, the user interfaces have been adapted to the two new files and a lot of plausibility logic has been implemented. The evaluations concern the warehouse stocks and the warehouse stock values of the individual employees in distribution.

- Adapt and extend an existing application.
- Import of 4 Excel files (network).
- Consolidate data (Excel / VBA).
- Complex calculations in temporary Excel tables.
- Creating dynamic result tables.
- Creation of dynamic tables (overviews in the respective tables).
- Integration of complex effort and time calculations.
- Integration of complex financial calculations.

Sep 2019 – Feb
2020

Celanese, Utzenfeld

Microsoft Access, VBA, Microsoft SQL Server - Developer / Consultant

Maintaining and adapting existing applications in Microsoft Access and Microsoft Excel to new business requirements. Documentation of existing applications, clear design of applications as well as technical documentation and user manuals.

Inventory:

Complete new solution of the inventory application to record the inventory of both sites Utzenfeld and Wehr. The new applications were based on the logic of the existing old applications, but the user guidance was implemented in the form of a process. The new application was implemented using Microsoft Access, SQL, VBA.

Labels:

Adaptation of the label printer using List and Label and the associated Access database. Setting up the label printers and commissioning the application. The application was created using Microsoft Access, VBA and Microsoft Access forms as well as various queries implemented using SQL.

Various applications:

Creation of a technical documentation, creation of a user manual, recording of the business processes as well as revision of the existing, partly defective VBA code. About ten applications in the area of administration and production increase were revised.

Evaluations:

Creating various evaluations using SQL in the Microsoft SQL Server, exporting the data to a Microsoft Excel application and transferring it to the corresponding business unit. These are mainly ad-hoc reports or evaluations.

- Adaptation and further development of various Access applications.
- Adaptation and further development of various SQL Server applications.

Oct 2018 – Nov
2018

Mann+Hummel, Speyer, Germany

SSIS packages analysis for migration SQL Server 2010 to Microsoft SQL Server 2018 - MSSQL T-SQL, SSIS, ETL

Developing a concept for the cost-effective migration of 600 SSIS packages, consisting of an analysis of all existing packages, dividing the packages into three groups, underpinning the concept including calculating the time needed for migration, and developing several options for a cost-effective implementation of the entire migration. The implementation is partly done with in-house staff, with students and with migration specialists. The concept also takes into account performance optimisation of the individual SSIS packages.

- Analysis of all existing packages (600 SSIS packages).
- Develop a concept for the most cost-effective migration, taking into account:
- Performance increase for DWH packages.
- Migration of SAP packages.
- Migration of own components.
- Migration of standard components.
- The 30-page analysis contains the complete procedure for the 600 SSIS packages.

Feb 2018 – Mer
2019

Volkswagen, Wolfsburg

Microsoft SQL Server DWH Developer / Consultant - Microsoft SQL Server T-SQL, SSIS, SCCM

The aim of the project is to generate reports based on a data warehouse to be created, which evaluates the data from Microsoft SCCM. For this purpose, a concept is created and then the relevant data from SCCM is loaded into the data warehouse using ETL routes implemented with Microsoft SQL (T-SQL) and Microsoft SSIS. After loading the data, the Enterprise DWH is created and the entire reporting is implemented using SSRS

- Develop DWH load procedures using SQL Server.
- Loading the staging tables.
- Loading the DWH tables.

- Implementing the VAULT schemas.
- Creating the ETL processes (stage).
- Modelling of the schemas based on the business requirements.
- Clarifications with the business.
- Loading of data from SAP.
- Data refinement and data mapping.

Jan 2017 – Nov
2017

Firma Bühler, Uzwil (40% - 60%)

Microsoft SQL Server Admin and ETL Developer - Microsoft SQLServer, T-SQL, Admin

The company Bühler operates 2000 SQL servers worldwide. The main task in this project was to administer this SQL server in a ticket-oriented manner. This was done in a team of three employees who were responsible for the administration of this 2000 Microsoft SQL Server. Among other things, the following activities were carried out:

- Install and configure SQL Server.
- Configure SQL Server databases and storage.
- Plan and implement a backup strategy.
- Restore databases from backups.
- Importing and exporting data.
- Monitoring SQL Server.
- Tracking SQL Server activities.
- Manage SQL Server security.
- Perform ongoing database maintenance and optimisation.
- Automate SQL Server maintenance with SQL Server Agent jobs.
- Configure database mails, alerts and notifications.
- Install SQL Server Virtual Cluster.
- Ticket handling.
- SSIS, SSAS and SSRS installations.
- Creation of various concepts in the area of Microsoft SQL Server.
- Requirement engineering.
- Loading and cleaning of data using T-SQL.
- Creation of ETL processes using SSIS packages or T-SQL.
- Data refinement and data mapping using T-SQL.
- Loading of data into the surrounding systems.

Feb 2017 – März
2017

ElipsLife, Opfikon

Microsoft SQL Server DWH Developer - T-SQL, ETL

Creation of ETL routes for filling the financial data warehouse of the company ElipsLife. The tables of the data warehouse are first filled in the stage area and then, after transformation, in the area of the data warehouse. Both the stage database and the data warehouse are filled by calling stored functions that were implemented in T-SQL. Since the data warehouse is a data vault schema, the filling of the tables of the data warehouse is done according to exact rules. Only one statement is provided for filling the hubs, links or satellites. All three are always filled in the same way, only the names of tables and attributes change. The task is to write dynamic stored procedures for filling these tables, test them, document them and integrate them into the system. The development will be implemented using Microsoft SQL Server 2016 and Microsoft T-SQL. Some functionalities are implemented using Microsoft SSIS packages; these are also tested and documented.

- Develop DWH load procedures using SQL Server.
- Loading the DWH tables.
- Implementing the STAR and the VAULT schema.
- Creating the ETL processes (stage).
- Modelling of the schemas based on the business requirements.
- Clarification with the business.
- Loading of data from SAP.
- Data refinement and data mapping.

Apr 2015 – Sep
2016

Swiss Life, Zurich

Microsoft SQL Server Developer - T-SQL, SSIS

Creation of ETL routes for filling the internet platforms of the company Swisslife. The tables of the databases behind the internet platforms are filled, but also the data of the data warehouse. Depending on the data source, a preload or a load is first made using stored functions in T-SQL. Subsequently, the data is transformed a first time and loaded into the load structure. Subsequently, the data is refined or transformed a second time and the data transformation is carried out using complex stored functions. Afterwards, the data is loaded into the internet databases on the one hand, and into the data warehouse on the other hand, taking into account the key values. The task is to write dynamic stored procedures for filling these tables, test them, document them and integrate them into the system. The development will be implemented using Microsoft SQL Server 2012 and Microsoft T-SQL. Some functionalities are implemented using Microsoft SSIS packages, which are also tested and documented.

- Requirement engineering.
- Creating the concepts.
- Expanding and creating the data models.
- Extracting and loading all data for the internet portals MyLive and MyWorld.
- Creating SSIS packages.
- Creating stored procedures (T-SQL) for transforming the data.
- Data preparation is continuously adapted to the new requirements of reporting.
adapted.

Oct 2012 – Jan
2016

Bohmann-Laing, Garrel

DWH/BI Developer/Consultant - Microsoft SQL Server, SQL, T-SQL.

Creation of a data warehouse as a management tool for old people's homes and nursing homes. For this purpose, functions stored in Microsoft SQL Server are written using T-SQL, which extract the data from various sources, the extracted data are refined or transformed and then brought into the correct structure in order to be able to fill the standing schema of the data warehouse. Subsequently, the cubes are formed using SSAS and a report set is set up on the cubes using SSRS. The ETL routes are developed as stored procedures using T-SQL and SSIS. The cube is developed and assumed using SSAS and the reporting is created using SSRS.

- Project: Analysis of a DWH, implemented using SQL Server (SSIS, SSAS, SSRS).
- Requirement engineering and creation of the concept.
- Creation of the ETL processes (SSIS).
- Creation of the cubes (SSAS).
- Creation of reports and ad-hoc evaluations (SSRS).
- Training of the internal SQL developers for the creation of ETL processes, cubes, evaluations and reports.
- Creation of a concept for the application COSY (new CURALYS).
- Windows application using C#.
- Evaluations with Tableau.

Sep 2013 – Dec
2015

IBM Schweiz, Basel

ETL Developer - Microsoft SQL Server, T-SQL, SQL

This project is about loading the customer data from IBM Europe into the corresponding databases. This is done by means of stored functions, which are implemented in T-SQL. Parallel to the implementation using stored procedures, various ETL routes are also being developed using SSIS. The application already exists and new customer requirements are being integrated.

- Requirement engineering.
- Creation of the concepts.
- Responsible for extracting and loading all European customer data.
- Data is extracted from various data sources using SSIS and loaded and loaded onto the DWH without transformation.

- Using stored procedures (T-SQL), the data is prepared for reporting after loading. for reporting after loading.
- Data preparation is continuously adapted to the new needs of reporting. reporting needs.
- The same applies to the underlying database schemas.
- Creation of reports using Cognos.

Apr 2014 – Apr 2015

Deutsche Bank, Frankfurt

Leaver Tracker – Microsoft SQL Server, Microsoft Excel, VBA

Create an application using Excel to calculate the cost savings of staff reductions at Deutsche Bank. Not only wage costs are considered when calculating the savings, but also severance payments, additional payments and all other costs that are incurred. The data calculated in this way is made available in various reports for senior management. The application is implemented using SQL Server as the data source and Microsoft Excel as the reporting tool. The application was programmed using Microsoft T-SQL and SQL as well as Microsoft VBA. It was necessary to comply with all legal requirements.

- Creating the application for monitoring the Opex Initiative of Deutsche Bank in Frankfurt.
- The goal is to save 4.5 billion euros by the end of 2015 through staff reduction/optimisation.
- The Leaver Tracker application monitors all necessary processes.
- Monitoring of the OPEX programme of Deutsche Bank.
- Application development (VBA, Excel, T-SQL) with SQL Server.
- Data sources (ETL, SSIS, T-SQL), DWH (SQL Server, Cognos).
- Creating and extending the data model (DeZign).
- Documentation of the data flow and the application.
- Creating specifications for new requirements and implementing them in the development team.
- Integration Services (SSIS).
- Integration Services (ETL).
- Data refinement T-SQL
- Data mapping T-SQL.
- VBA application development incl. client/server solutions with MS Excel.

Sep 2012 – Jan 2013

Liebherr, Germany

Migration DWH from Cognos 7 to Microsoft SQL Server

The aim of the project is to migrate a Cognos data warehouse to Microsoft SQL Server. The ETL routes were implemented using stored procedures in T-SQL or SSIS packages were created. The data cubes were implemented using SSAS and the reports were realised using SSRS. Thus, in 2012, the entire data warehouse was converted or migrated from Cognos to Microsoft SQL Server. The task was to support and train the database developers at Liebherr so that they could successfully implement this migration. In special cases, development work was also carried out on more complex tasks that could not be solved by the teams.

- Requirement engineering and creation of the concept.
- Consulting and training of internal employees for the conversion of a Cognos DWH to a Microsoft SQL Server DWH.
- Creation of the ETL processes (SSIS and T-SQL).
- Creation of the cubes (SSAS).
- Creation of reports and ad-hoc evaluations (SSRS)..

May 2007 – Nov 2007

Converium AG, Zurich

SQL Server Developer - Microsoft SQL Server, T-SQL, SQL

Integration of various risk calculations and risk analyses in collaboration with the actuaries of Converium (large reinsurer, now SCOR) in the form of stored procedures in SQL Server. Implemented using T-SQL and SQL.

- implement calculation functions for risk calculation.

- Implementation of the specifications on the part of the business (integration of risk analyses using T-SQL).
- Making technical clarifications and implementing internal evaluations.
- Implementing complex risk calculation for the individual business business areas.
- Mathematicians define complex logic to be applied to the data.
- Implement minor changes to the data model.
- Generate new reports for the relevant committees.
- In rare cases, customise VB user interfaces.

Jun 2006 – Apr
2007

Credit Suisse, Bern

Data model for proof of own funds - Microsoft SQL Server, ERWIN

Creation of the relational data model and transfer of the logical data model into the physical data model for the Microsoft SQL Server database with regard to the equity capital statements of Credit Suisse, implemented using ERWIN.

- Analyse the given task.
- If necessary, clarify with the business.
- Identify relevant objects with all relevant properties and the relevant relationships.
- Formulate relationships graphically and textually.
- Map the conceptual database schema to a logical database schema.
- Extend the model to include data-related specifications (field formats, identifying search terms, etc.).
- Structure logical database schema according to the rules of the structure given by the DBMS.
- Check that all necessary data are stored in tables.
- Formulate all specifications in the syntax of the DBMS (ERWIN).

Jul 2004 – Jun 2005

Fuchsgroup, Aarau

**Microsoft SQL Server Development - SQL, T-SQL
Double function as project manager**

Support of the company Fuchsgroup in the realisation and implementation of requirements in the area of Microsoft SQL Server developments, independent of the application. Complex stored functions and complex dynamic SQL statements are realised.

- iNKA Care Management Developing a performance recording system to complement the worldwide patented systems of the company t-cos GmbH (recording of working hours using biometric data).
- Times recorded by biometric data are assigned to a project or an order using a service catalogue.
- Services defined in this way are in turn assigned to a client via project or order.
- Client management is carried out via client administration, thus ensuring optimal client - client management.
- The time recording data is stored in a Microsoft SQL server.
- The performance data is stored in a Microsoft Access 2000 database.
- There is an automated synchronisation (trigger) between time recording data and performance data.
- The user interfaces are developed using VB.NET.
- Testing and documentation (user and technical).

Feb 2004 – Dec
2005

t-cos GmbH, Feldbrunnen

Justinian – Microsoft SQL Server, Microsoft Access, VBA, T-SQL

Implementation of a service recording for the company t-cos Feldbrunnen. In a first prototype, Microsoft Access is used as the database, and the user interfaces are already developed in this prototype using VB .NET. In version 2, the Microsoft Access database is replaced by a Microsoft SQL server and a large part of the logic is transferred from the user interfaces to the backend in the form of stored procedures and functions.

- Developing a performance recording system as a supplement to the worldwide patented
- patented systems of the company t-cos GmbH (working time recording using biometric data).
- Times recorded by biometric data are assigned to a project or an order using a service catalogue.
- Services defined in this way are in turn assigned to a client via project or order.
- Client administration is carried out via client administration.
- The time recording data is stored in a Microsoft SQL server.
- The service data is stored in a Microsoft Access 2000 database.
- There is an automated synchronisation (trigger) between time recording data and performance data.
- The user interfaces are developed using VB.NET.
- Requirement engineering, data model by means of design.
- Implementation of customer requirements using Microsoft SQL Server, Microsoft Access 2000, Microsoft Visual Basic for Application, T-SQL and Microsoft VB.NET.
- Testing and documentation (user and technical).

Jul 2004 – Oct 2004

Hörservice AG, Zurich

**Microsoft SQL Server Development - T-SQL, SQL
Double function as project manager**

Support of the company Hörservice AG in the realisation and implementation of requirements in the area of Microsoft SQL Server developments, independent of the application. Complex stored functions and complex dynamic SQL statements are realised.

- Programming a product management system using ASP.Net, SQL and Microsoft SQL Server.
- The aim of the project was to monitor the product management from the incoming goods of the individual parts to the finished products by means of an Internet application and to make important data such as stock levels, deadline situations, etc. available online to the employees in the production sites and in the sales outlets via the Internet.
- Individual areas of the application were already available and could be partially integrated into the new overall concept.
- Other areas of the application had to be created in consultation with the customer.
- Requirement Engineering.
- Data model creation using DeSign.
- Implementation of the customer requirements using Microsoft SQL Server - T-SQL.
- Testing and documentation (user and technical).

Jan 2003 – Dec
2006

UBS AG, Zurich

**Database compiler for Microsoft SQL Server - SQL, T-SQL
Dual function as project manager**

Creating a prototype of a database compiler that is able to convert process-oriented flow structures and flow diagrams into stored functions. The application is used to register the signatures of employees with regard to the legal templates in the commercial register. In doing so, a rule management of more than 2000 active rules is taken into account when registering employees. Not only the database compiler is ordered, but also various auxiliary programmes, which are necessary for the automated process from the mail to the published signature on the Internet. The application is realised using Microsoft SQL Server, SQL, T-SQL, .NET and C#.

- Management of physical signatures of employees authorised to sign, taking into account internal and legal requirements.
- Technology: Multi-layer technology.

- Database Microsoft SQL Server.
- Logic implemented using T-SQL (graphical generation of stored procedures - worldwide patents).
- Integrated security layer implemented using Microsoft SQL Server, T-SQL and VB.
- A compiler is developed based on the Microsoft Access prototype.
- Recursive generation of Transact SQL stored procedures.
- At a later stage, the application will be migrated from Microsoft VB to Java and from Microsoft SQL Server to Oracle.
- Automated entry of signatures in the public registers
- Responsible for data modelling, database development (SQL Server) and implementation of logic in Transact SQL.
- Image processing tools in the .NET area (C#, EPF, WCF etc)
- Interface between compiler and database

Jan 2003 – Oct
2004

Swisscard AECS GmbH, Horgen

Development Microsoft SQL Server - SQL, T-SQL, VBA

Support for Swiss Card in the realisation and implementation of requirements in the area of Microsoft SQL Server developments and all VBA Microsoft applications (Access, Excel, Word, Project ...), regardless of the application. Complex stored functions and complex dynamic SQL statements, Excel evaluations, Access tools and much more are realised.

- Support for the internal software development of Swiss Card in the areas of Microsoft Visual Basic 6.0, Microsoft Access 97, Microsoft SQL Server, Microsoft Visual Basic for Application and Microsoft Office (Word, Excel).
- Development of concepts and specifications and their implementation.
- Consulting internal IT in the area of database technology and DWH.
- Creation of interfaces to other applications in the non-Microsoft environment.
- Import of data from the Microsoft environment into applications from the non-Microsoft environment.
- Implementation of requirements using Microsoft VB 6.0, Microsoft Access, Microsoft Visual Basic for Application, Microsoft SQL Server, T-SQL.

Sep 2001 – Jul 2002

Philip Morris, Lausanne

Laboratory data acquisition - Oracle, Microsoft SQL Server, T-SQL

Documenting all Microsoft SQL, Oracle and Microsoft VBA applications for the Philip Morris laboratories. The inventories of the applications were taken and both technical documentation and a user manual were created for each application. Both documents were produced in English.

- Documenting the quality monitoring applications in the laboratories.
- Applications created using Microsoft Visual Basic 6.0.
- Backend Oracle and PL/SQL.
- Backend Microsoft SQL Server and Transact SQL.
- Analysing the applications to be documented.
- Discussions with the development teams, with the responsible project managers.
- Recording the original requirements for the applications.
- Some applications had to be analysed from scratch (data model, database logic, user interfaces and user interface logic).
- Based on the analyses, documents and discussions with the responsible parties, a technical documentation could be created.
- The technical documentation was created using Microsoft Word in German and English.

May 2000 – May
2001

Berner Versicherung, Bern

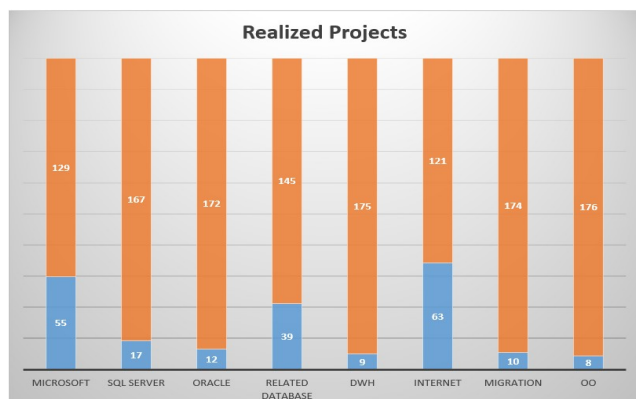
MSSQ Development - Microsoft SQL Server, SQL, T-SQL

Support of the company Berner Versicherung in the realisation and implementation of

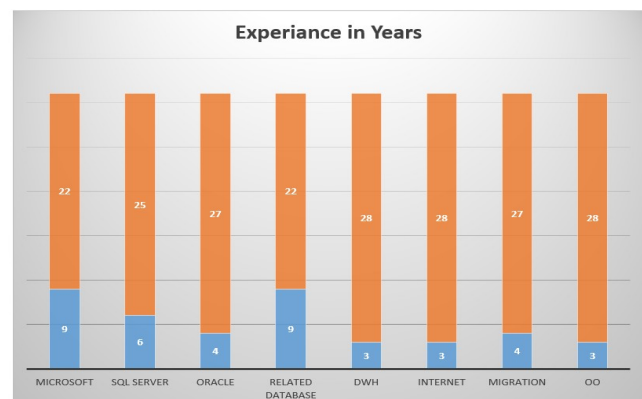
requirements in the area of Microsoft SQL Server developments, independent of the application. Complex stored functions and complex dynamic SQL statements are realised.

- Support for Berner Versicherung (Allianz Group) in the maintenance and further development of various applications in the area of Microsoft SQL Server.
- Creation of stored procedures (eng. Stored Procedure).
- Integrate various new requirements into existing applications on the server side. integrate.
- These were mainly applications for the insurance business, administration of customers, contracts, insurance policies, etc.
- Support for the implementation of internal processes in the area of insurance administration and sales.
- Requirement engineering.
- Creating data models using ERWIN.
- Implementation of customer requirements using Microsoft SQL Server, T-SQL.
- Testing and documentation (user and technical).

PROJECT OVERVIEW



Realized projects per development area



Experience per development area

The two graphs above illustrate the number of projects realised in the respective areas as well as the experience in years in the respective areas. It is important to mention that the areas Microsoft, Microsoft SQL Server and DWH partly show the same projects, since a project that was realised using Microsoft SQL Server or a data warehouse that was also realised using Microsoft SQL Server is certainly also listed in the Microsoft area.

Number Microsoft- Projects	55	Experience Microsoft- Projects	9
Number Microsoft SQL Server- Projects	17	Experience Microsoft SQL Server- Projects	6
Number Oracle- Projects	12	Experience Oracle- Projects	4
Number relationale Datenbank- Projects	39	Experience relationale Datenbank- Projects	9
Number Data-Warehouse- Projects	9	Experience Data-Warehouse- Projects	3
Number Internet- Projects	81	Experience Internet- Projects	3
Number Migrations- Projects	10	Experience Migrations- Projects	4
Number OO- Projects	8	Experience Projects	3

SPECIAL SKILLS / CERTIFICATIONS

Additional project knowledge

Requirement engineering, real-time development, SIHL Level 4 programming, image processing with C# (WPF, WCF, WWF etc.), data migrations from SAP to Project Server and vice versa, preparation of patent specifications, project management, project management committee banks, data and application migrations.

Patents

Worldwide patent for working time control by means of biometrics.
Worldwide patent for addressing endpoints in distributed heterogeneous networks.

Customer patents arose from projects

UBS AG, worldwide patented database compiler (SQL Server, Oracle).

Certifications

In August 2010, I was certified by UBS AG Due Dilligence. The certification (performance audit) concerned in the technical area the organisation of project management and project administration, team leadership and technical knowledge regarding the implementation of database projects.

EDUCATION & STUDIES / FURTHER EDUCATION / BANKING KNOWLEDGE / LANGUAGES

Languages

German: Mother Language
English: Fluent speaking and writing (C1)
French: Basic knowledge spoken and written

Special banking knowledge, certifications

2019 Cyber Security & Social Engineering
2019 Information Security and Records Management
2019 Working with Respect
2019 Market Conduct
2018 Financial Crime Prevention
2018 SDLC
2018 SERA / MER
2018 Understanding CID and policy compliant data
2018 Training on the EU General Data Protection Regulation

Further education

2005 Oracle
2005 Hyperion Essbase
2004 Oracle SQL Tuning
2004 Oracle: PL/SQL
2001 Oracle Database
1997 OO Analysis and Design
1996 Java Advanced Concepts
1996 SQL for Advanced Users
1994 Java Introduction
1994 Java User Interfaces
1993 Delphi Database Development
1993 Advanced Borland Delphi Course
1992 Development with Borland Delphi
1992 Application Development with Delphi
1991 Visual Basic Programming Course 2
1990 Visual Basic Programming Course 1

Training & Studies

1985 - 1988 Studied at the Technical University of Applied Sciences NWS, specialising in microprocessor technology.
1980 - 1984 Apprenticeship as a mechanic, passed vocational examination, vocational training at the company Delta AG in Solothurn.
1979 - 1980 Secondary school in Wangs-Pizol (10th grade)
1976 - 1979 Secondary school in Langendorf
1970 - 1976 Primary school in Langendorf

INDUSTRY AND DEVELOPMENT ENVIRONMENT

Knowledge in the fields of

Knowledge in

Development and implementation of **management software**
Development and implementation of **client management software**
Development and implementation of **laboratory and medical software**
Development and implementation of **risk analysis**
Development and implementation of **financial software**
Development and implementation of **e-banking software**
Development and implementation of **stock recommendations**
Development and implementation of **ETL routes and DWH's**
Development and implementation of **SDLC software**
Development and implementation of **lifecycle calculations**
Development and implementation of **performance tuning (DB)**
Development and implementation of **project management and work and project times**
Development and implementation of **migrations**
Development and implementation of **credit card software**
Development and implementation of **interfaces**
Development and implementation of **legal requirements**
Development and implementation of **internet applications and websites**

Industry sector

Private Banking
Investment Banks
Banks in general
Banks Administration and Management
Reinsurance
B2B Insurances
Insurance
Research and development
Industry
Retail trade
Start-up companies
Government and administration
Car industry
Private individuals
Schools and further education
Medical laboratories
Trust
Kitchens and Hotel
Railways and Transport
Recruitment agencies
Telecommunications
Chemical companies
Biology companies
Printer manufacturers

DIVERSES

Work locations

Switzerland, Germany (FRG-wide), Austria, Liechtenstein, Europe.
Willingness to travel nationally and internationally given.

Salary

Permanent position depending on overall package
Project basis on site 60.00 Euro / 70.00 SFr. per hour - 80.00 Euro / 100.00 SFr. per hour.

Project basis remote 50.00 Euro / 60.00 SFr. per hour - 80.00 Euro / 100.00 SFr. per hour.

Depending on the project, remote share and negotiable.

Availability

From 31.12.2020 at 100%

Hobbys

Relationship, nature, dog (animals), sports, new technologies, social commitment, classical music

REFERENCES

On request

ATTACHMENTS

- Cover letter
- Overview of all projects and skills, sorted by date
- Reference list on request