Project description ORACLE PROJECTS

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

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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 Postgre-Databases.
- Data Warehouse Consultant / Architect and developer with profound technical knowledge.
- Profound expertise in the areas of SQL, PL/SQL, SQL Navigator, SQL*Plus, iSQL*Plus, Stored Procedure, Function, Developer Suite, Enterprise Manager, Forms, Reports, SOA, SHELL Warehouse Builder, Data Integrator, Business Objects, BODI, SQL*Loader, Statement Tuning, Instance Tuning, Essbase.
- Maintenance and support of multi-tier database systems and database applications.

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 ORACLE PROJEKTE

Jun 2011 – Sep 2011	Deutsche Telecom, Frankfurt **Oracle DB Developer - Oracle, PL-SQL**

Performance tuning of the Intercall database of Deutsche Telekom. The Intercall database processes the roaming call data of Deutsche Telekom customers worldwide. The roaming times are processed, which are ultimately decisive for the roaming amount on each customer's bill. The task was a complete performance tuning of this database. The database was developed using Oracle and PL SQL.

- Stabilising the existing application and increasing the performance of the existing application.
- Writing efficient SQL statements (PL-SQL).
- Memory optimisation.
- Reduce hard disk access.
- Optimise existing PL-SQL code.
- Testing and documentation (user and technical).

Jan 2007 – Nov 2012	shs–g AG, Feldbrunnen **Signature Solution Microsoft SQL Server to ORACLE**

In cooperation with UBS AG, we are creating a standard application for entering signatures in the signature register and publishing them on the Internet. The aim is to be able to offer the signature solution created for UBS AG to other companies in the form of a standard solution. For this purpose, the system was standardised on the basis of Oracle, JBOSS, DROOLS and JBPM. Drools makes it easy to define the rules and JBPM ensures the correct execution of the workflow.

- Develop in cooperation with UBS AG a standardised application for the generation and management of physical signatures of employees authorised to sign, considering internal and legal requirements.
- Multi-layer technology, Oracle database, logic implemented using PL-SQL (graphical generation of stored procedures - worldwide patents).
- Integrated security layer.
- Ensure flexibility through JBOSS (JBOSS Application Server, Apache Tomcat, JBOSS JBPM, JBODD Cache, JBOSS Eclipse IDE, JBOSS Portal, JBOSS Drools, Hypernate, JBOSS Transaction).
- Project management, project leadership, project monitoring, team leadership.
- Requirement Engineering.
- Basic development (Java).
- Database development (Oracle, PL/SQL).
- Automated testing (HP QTP).
- Documentation (user and technical).

Jan 2007 – Nov 2012	UBS AG, Zurich

Signs from Microsoft SQL Server to Java and ORACLE

Migration of the prototype database compiler created in 2003-2006 from Microsoft SQL Server to Oracle, Jboss, Drools and JBPM. The database compiler is still the core of the application. With the help of the compiler, the workflows for sheet data processing are created and stored in the database in the form of stored functions or procedures (PL-SQL). However, standard products such as Drools are now also used for the application's set of rules and JBPM for the timed execution of the workflows. The user interface is migrated from Microsoft VB to Java. A data migration from Microsoft SQL Server to Oracle is also taking place. The various tools for process monitoring and fully automated signature clean-up are left in C#, only the logic is adapted to the new infrastructure.

- Development of a UBS AG internal application for the generation and administration of physical signatures of employees authorised to sign, taking into account internal and legal requirements.
- Multi-layer technology, Oracle database, logic implemented using PL-SQL (graphical generation of stored procedures - worldwide patents), integrated security layer implemented using Oracle, PL/SQL and Java.
- Responsibility project management, project planning.
- Requirement engineering.
- Creation of specifications, adherence to deadlines, resource planning and project monitoring, team leadership and employee management (25 employees from 2003 - 2012, project volume > 10'000'000.00 SFr.).
- Version 2.0 (SQL Server, Transact SQL, VB) was migrated to Oracle, PL-SQL and Java.
- Data modelling, database development (Oracle, migrated from SQL Server) and the implementation of logic in PL-SQL (migrated from Transact SQL). Migration from MS SQL Server to Oracle 10g.
- Automated testing (HP QTP).

Mar 2005 – Sep 2005	Hanex AG, Poznan

Oracle, Hyprion Essbase – PL-SQL, SQL, Oracle

Support in the creation of an MSI for the group management of the company HANEX. The basis for this application is an Oracle database. Using Hyperion Essbase, multidimensional data structures are generated and mapped in Excel. The goal was to create consolidated reports for the management from these multidimensional data structures using Microsoft Excel and VBA. The project was implemented using Microsoft Excel and VBA.

- Create a data warehouse with the data from different sources.
- Loading data into the data warehouse using ETL processes.
- Data mining of the long-term data stored in the data warehouse.
- Evaluation of this data warehouse data.
- Loading data from distributed and differently structured datasets.
- Separation of the data used for the operative business.
- Provision of the necessary infrastructure (Oracle, Excel, Essbase Add- In etc.).
- Access to the necessary provided data via Excel Add-In (Essbase).
- Filtering, sorting and refining the data using MS Excel (VBA, Array).
- The Excel reports are created using VBA.
- Creating the queries for data reference (SQL).
- Interface development from SAP to the data warehouse (LDAP, ABAP).

Sep 2003 – Jul 2004	Novartis AG, Basel

Lifecycle–Management – Oracle PL-SQL, SQL

Creation of a Microsoft Access application that obtains its data from an Oracle database, calculates the life cycles of the individual products of the company Novartis Pharma and supplements or refines existing data. Subsequently, the data is exported into reports, which are realised in Microsoft Excel. The application is realised using Oracle and PL SQL as well as SQL, Microsoft Access and VBA as well as SQL and Microsoft Excel and VBA. The final product is the finished reports

concerning the life cycles of the individual products of the company Novartis Pharma.

– Analysis of the existing application.
– Requirement engineering.
– Data model creation using Dezign.
– Realised using Oracle, Microsoft Access and Microsoft Excel.
– Linked data from Oracle into a Microsoft Access database (Views).
– Creating the queries (SQL) for the data transfer via ODBC.
– Programming of the assistants to create the reports.
– Wizards (VBA) control the filtering, refining and sorting of the data.
– Exporting the data (entire table) to Excel.
– Calculating and forming the graphical representation (VBA).
– Testing and documentation (user and technical).

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.

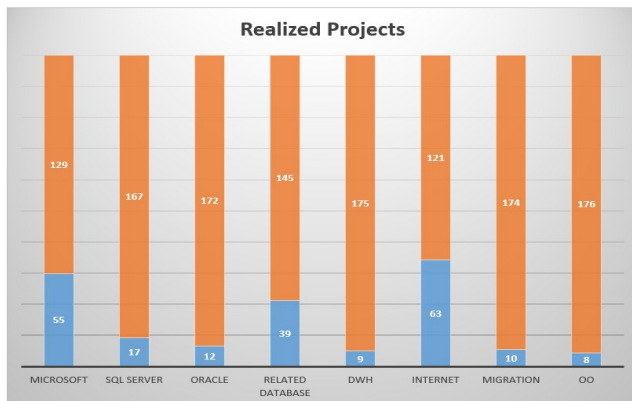|	
Mar 2001 – Sep 2001	UBS AG, Zurich

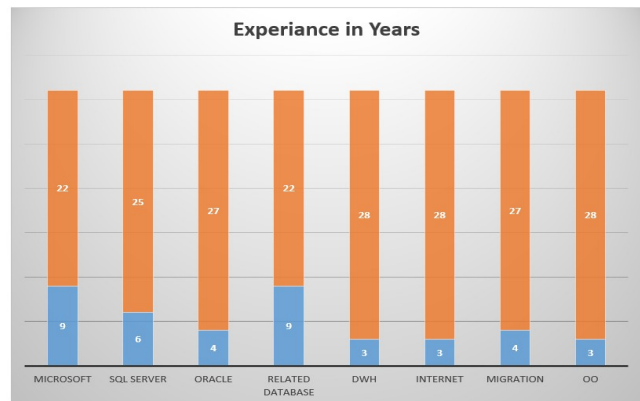**Customer evaluation - Oracle, PL-SQL, SQL**

Ordering an application to evaluate the assets under management per client advisor. The database is an Oracle database supplemented with a Hyperion Essbase data cube, which is the source for the evaluations. The individual evaluations are set up on this data cube using Excel and the data for the ranking lists are sorted using VBA.

– Realise a course or school administration to manage students, timetables, lecturers, course rooms, documents, exams, scores, etc.
– Consolidation of examination results.
– Administration of teaching materials and administration of exams.
– The idea is to integrate and automate as much of the school administration as possible in one application.
– In order to be able to guarantee automation, various interfaces to other applications such as Shugar, Outlook etc. will be developed. Realisation.
– Testing and documentation (user and technical).

PROJECT OVERVIEW

Realised 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
– Reverence list on request