CORPORATE PORTFOLIO

IT Consulting for European, MENA & Global Clients
Finance, Gov & Aviation Sector

Consultancy Services

Hybrid Support / Linux Engineering / Oracle Development

Collaboration with clients technical teams and business users/stakeholders

Deployment-, Monitoring-, Test-, Process Automation, Integration, Networking, Connectivity, Infrastructure

Unix/Linux scripting (shell, Perl, Python), Sys Admin

Oracle Development (SQL & PL/SQL), Data Analyst, System Architect

Process Optimizations, Migrations, Data transformations, DWH, ETL Process dev, Performance Tuning

(more details on request)

Portfolio

09/2015 - current	**XTra Technology Consultancies L.L.C-FZ & CapExTra Technology Solutions Ltd.** **Unix/Linux Engineering, Automation, Integration, Oracle Data Analysis/Dev**

- **Airbus**

  PLM Database Migration, DWH, ETL process dev, Data Analysis, -Mapping, -Cleansing, Oracle/Linux, complete system setup

- **Deutsche Bank**

  Monitoring-, Connectivity & Authentication Validation Automation, Prod Support, Process analysis & optimizations, Geneos

- **UBS**

  Deployment Automation, Nexus, Artifactory, Puppet, Apache Tomcat, Certificate generation/validation, ElasticSearch, internal deployment tools

- **BAE Systems**

  Data Analysis & Oracle Development of new AI, pipeline data flow root cause investigation, implementation of solutions for found bugs and data corrections

- **JP Morgan Chase**

  Data Centre Migration, Configuration transformation, Automation, Linux, Athena

- **LCH / London Stock Exchange**

  Development of new Report Management System

Business User/Stakeholder engagement, requirement interrogation, discussion & solution presentation, requirement analysis & translation into technical specifications, management of global projects & teams

Data Consolidation on MS: Excel, PowerPoint, Confluence, SharePoint, Wiki, JIRA, ServiceNow, Agile, ITIL

PostgreSQL, Oracle: SQL Developer, SQL*Plus, SQL*Loader, SQL, PL/SQL, SQL Server: sqlcmd, bcp, SQL

Linux: Python, shell, Perl, Sys-Admin, Integration, Infrastructure, Storage

Built-on Legacy …

06/2012 - 04/2015	**Credit Suisse** - London / Great Britain **Data Analyst, Senior Production Support Analyst [perm]** 1, 2 & 3rd line Production Support, Data Analysis for Equities & FI Commission Mgmt system Linux, Sybase, Oracle, SQL Server, PostgreSQL, MySQL, Excel, PowerPoint
08/2004 - 09/2011	**UnicreditGroup, BGC Partners, NYSE Euronext Ltd., Allegro Development Ltd., FX Alliance Ltd., EMC²/Documentum Europe Ltd.** - London / Great Britain **Senior Equities eFX/FX & FIX Support Analyst [freelance & perm]** Technical Support of Trading Floor Applications, eTrading ULT platforms, client/sales support Unix (AIX, HP-UX, SunSolaris), Linux RedHat, shell (bash, sh, ksh), Perl, Win, Control-M, Nagios, SQL
11/1998 - 07/2004	**MeTechnology AG**, **Brokat Infosystems AG, bbv AG**, **c.a.r.u.s. AG, Apoll AG, Fernbach Software S.A., ClarITeam S.A.** – Germany / Great Britain **Core Java/Oracle Developer, DBA for Financial Exchange/Services [perm]** Core Java/Oracle Development, Oracle DBA, Performance Tuning in all aspects, Forms & Reports

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Oracle Summary

– Oracle Database Design, Modelling, Development and Performance Tuning & Administration –

Since 1998 – 2004 as Core Oracle Database Development
Since 2004 in Production / Application Support, Oracle Development, ETL, DatawareHouse Processes
Since 2012 equivalent Data Analytics on also Sybase, PostgreSQL, SQL Server, MySQL

Oracle Database Design & Modelling

- Development of Logical Entity Relationship Models and Physical Database Models, Normalisation of Database models based on Business requirements incl maintenance of historical records, performance and process optimisations, multi-language capabilities, mechanisms for archiving and more
- Database metadata normalisation to eliminate redundant data, enable efficient querying, simplification of updates
- Database Model Management either manually in scripts but better also with e.g. Oracle SQL Developer Data Modeller (or similar tools also for Sybase, MS SQL Server, MySQL like Visio etc.) to keep the database model in-line with generated scripts to create all database objects

Oracle Database Development (SQL, PL/SQL) & Administration

- Development of scripts to setup the entire database systematically and in a modular way inclusive Tablespaces, Users, Roles with appropriate permissions and all required database objects (e.g. tables, views, constraints, (primary-, foreign keys, check-, unique constraints etc.), triggers, indexes, sequences, materialized views, partitioned tables and indexes, database links and more
- Storage-, Session- & Tablespace Management
- Development of Stored Procedures, functions, triggers based on Business requirements
- Implementation and integration of ETL processes to
  - o Upload mass data of streamed data and files to database level
  - o Process & transform data based on non-IT-specific guidelines
  - o Provide data for the presentation level (DWH) to provide ready data for a frontend
- Full data pipeline development, & maintenance in DWH through Staging, Transformation and Presentation stages, ETL, ELT, sourcing data from difference structured sources, transform and interrelate them to each other
- Data Migrations: data analysis & cleansing, Oracle analytical functions
- Data mapping if source and target database structure are different
- Source/target data validation after migration
- Development of Data extraction, loading and transformation processes (ETL, ELT), complete automation
- ETL process tools: SQL*Loader, Informatica, SQL scripting, advanced Oracle features, SQL combined with Unix/Linux shell and Perl scripting
- New developments for frontend applications in Oracle Forms & Reports, Oracle APEX AppBuilder & SQL Workshop (Apps, reports, dashboards), backend Stored Procedures, packages, functions, triggers etc. incl system integration, scheduling
- Development of new links based on data of different data sources (AI)
- Frontend App creation and configuration with Oracle AppBuilder and SQL Workshop (part of APEX)
- Implementation and integration of business logic in PL/SQL, migration (PL/SQL, Unix/Linux), Performance Tuning (query-, index-, optimizer, I/O, process and workflow tuning, ExplainPlan, tkprof) but also Oracle Enterprise Manager (OEM):

  - Realtime query monitoring, Performance monitoring & tuning, Dashboard configuration

  - CPU, memory, storage monitoring in distributed environments

  - Alert setup, configuration & management for outages, security breaches and more

- Datamart integration and process automation
- Data Analysis: source code, query and data analysis; generation of business reports
- Root Cause Analysis incl performance bottlenecks and provide appropriate solutions