Henry Hüske

Portfolio

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My offers

Based on many years of experience in data engineering and project management I offer:

○ Technical project management & project management support

○ Performing development tasks in the areas Data Warehouse (DWH), ETL and Big Data

○ Replacement/migration of relational databases (in particular Oracle and PostgreSQL)

○ Support with the transfer of your database into the cloud infrastructure (AWS, GCP)

○ Performance optimization of your database queries and processes

Your benefits

Working with me has the following benefits:

○ You can concentrate on your day-to-day business while I will take care of your project management tasks.

○ The optimization and acceleration of data processes brings your data to its destination in a faster way and enables you to carry out more timely analyzes.

○ The replacement/migration of your database takes place in a structured way and with the smallest possible downtime.

○ The knowledge of your employees increases through my technical support and guidance.

○ Better and faster database queries and processes increase customer satisfaction.

Professional and project experience

04/2020 –
10/2020
Technical Lead Business Intelligence, Remote.
The company is a provider of charging solutions and infrastructure for electric vehicles based in Berlin, Germany. My project task is to create a new data warehouse using cloud technologies to enable an aggregated and uniform view of the data from different source systems. The implementation is carried out using Google Cloud BigQuery as a data warehouse solution, Terraform for creating infrastructure as code, the ELT approach for loading the data warehouse and Tableau as a visualization tool. The source data of approx. 10 GB are extracted primarily from MariaDB and MongoDB. As a technical lead, it is my job to plan, operate and implement the entire process for creating the data warehouse infrastructure and loading processes. In terms of content, I am supported by ProductOwners and employees of the BusinessIntelligence team.

2015 – 2019
Senior Data Engineer, *Avantgarde Labs GmbH*, Dresden, Germany.
IT service provider with approx. 40 employees. My job as employee included technical support for the ETL team of a large German e-commerce provider for electronic items; the ETL infrastructure consisted of 300 to 400 ETL jobs. On the one hand, I was responsible for creating, changing and optimizing ETL jobs using Talend Studio DI, and on the other hand for planning ETL processes and prioritizing tasks for a team of up to 5 employees. In the 5 years in the project three different Talend versions (5.3.1, 6.2.1, 7.0.1) were used. When upgrading the Talend Studio versions including the associated infrastructure components (Talend Administration Center, Nexus, git / SVN), I took over the technical coordination of the necessary steps in coordination with internal and external employees. A central database with a size of approximately 2 TB was used to combine the data from various source systems; until 2017 it was an Oracle database in version 11g R2, after that the database was migrated to PostgreSQL 9.6 and ETL infrastructure was transfered to the cloud (Google Cloud Platform using "Cloud SQL" for the database and VMs for the infrastructure components).

2009 – 2014
Data Engineer, *Tele-Kabel-Ingenieurgesellschaft mbH*, Chemnitz, Germany.
IT service provider with approx. 80 employees. My task as employee was the project coordination for and the implementation of approx. 80 geodata migrations for supply networks (waster water, electricity, gas) for a Swiss GIS provider, which performs the GIS tasks for about 50 Swiss municipalities. The migrations took place from Oracle database 9 to Oracle database 11g R2. In addition, I carried out various customization programming for Autodesk Topobase using VB.NET for the customer.

List of skills

Focus topics Technical project management & IT project management, ETL / DWH development & BigData, database migration (upgrades of existing databases; migration to other relational databases), database performance optimization

Databases Oracle-Database, PostgreSQL, MySQL, MariaDB, MongoDB

Cloud Amazon Web Services (AWS), Google Cloud Platform (GCP)

Tools Bash, Docker, git, Linux, Python, Talend Studio, Terraform

IT certifications

2016 Oracle Database 12c Administrator Certified Associate

Education

2003 – 2008   **Diploma in Business Education**, *Technische Universität Dresden*, Dresden, *Grade: 1,2 with distinction.*

2005 – 2006   **Study abroad**, *Mid Sweden University*, Sundsvall, Sweden.

Prizes and awards

12/2009   **Viktor Klemperer certificate for outstanding performance as one of the best graduates in the business education program**, *Technische Universität Dresden.*

Languages

German   mother tongue
English   C1 - advanced
Swedish   B2 - upper intermediate

Availability

○ Maximum of 30 working hours per week beginning in October 2020

○ Daily on-site work for customers in the Dresden (Germany) area

○ Daily remote work with the following on-site times outside Dresden: At project start up to 2 weeks at customers office; 1 day every week for customers in the areas Berlin, Leipzig, Erfurt, Chemnitz; 3 days every 2 months for customers in Europe

Interest in collaboration?
Then call me at +49 351 4188 2401 or send me an email to info@henry-hueske.de.