



Jochen Heinz

Informatica Expert & Data Architect

PowerCenter · IDMC · Cloud Migration · Data Governance

since 2007

Informatica experience

since 2011

freelance

31

client projects

6

certifications

Profile

Freelance Informatica expert, working in data warehousing and data integration since 2007 and self-employed since 2011. My current focus is migrating Informatica PowerCenter to the IDMC cloud platform: from setting up the environment and the Secure Agent, through moving the load processes, to switching the target database, most recently from HP Vertica to Google BigQuery. I build my own tooling for migration and deployment, including AI-assisted development with Claude Code. I also support data governance initiatives with Informatica EDC, Axon and CDGC and design DWH architectures based on Data Vault 2.0. I have worked for banks, manufacturers, pharma, logistics companies and collecting societies as developer, architect, consultant and technical project lead.

Core skills

Informatica PowerCenter 7.1–10.5.9 (development, performance tuning, administration, upgrades, deployment) · IDMC (CDI, CDI-PC, CDGC) · Data Quality · Enterprise Data Catalog · Axon · PowerExchange (SAP, Salesforce, Mainframe, MQSeries, HP Vertica) · Web Services Hub · Test Data Management · Data Engineering Integration (BDM)

Migration PowerCenter → IDMC · HP Vertica → Google BigQuery · MS SQL Server → PostgreSQL · Db2 z/OS → MS SQL Server · PowerCenter upgrades · legacy replacement (COBOL)

Architecture & modeling DWH architecture · Data Vault 2.0 (CDVP2) · reporting-oriented and relational data modeling · interfaces (REST, SOAP, OData, IDocs)

Data governance & quality Data catalogs and data lineage · business glossary · data quality rules · duplicate detection and address validation · test data management and pseudonymization

Databases & cloud Oracle · MS SQL Server · PostgreSQL · Google BigQuery · Teradata · HP Vertica · IBM DB2 · MySQL · Hadoop · Azure SQL · Microsoft Fabric · Microsoft Azure · Google Cloud

Programming SQL · PL/SQL · Python (pandas, PySpark) · KQL · Shell · XML/JSON

BI & Reporting Power BI · Tableau · SAP BusinessObjects · SAP Data Services

Tools & methods Claude Code (AI-assisted development) · Scrum · Jira · Confluence · Git

Industries

Banking & financial services · Automotive & manufacturing · Pharma & life sciences · Transport & logistics · Insurance · Retail · Energy · Telecommunications · Public broadcasting · Collecting societies

CONTACT

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Location
Trauchgau (Bavaria), Germany

Available
from January 2027, part-time

Work mode
remote preferred; on-site
anywhere in Germany for key
meetings

LANGUAGES

German (native)
English (business fluent)

CERTIFICATIONS

Microsoft DP-700 2025
Fabric Data Engineer Associate

Microsoft DP-900 2025
Azure Data Fundamentals

Informatica 2020
Cloud Data & Application Integration
Professional

Informatica 2019
Enterprise Data Catalog Specialist

CDVP2 2016
Certified Data Vault 2.0 Practitioner

Informatica 2011
Certified Developer

Career

02/2011 – present	Freelance Informatica and DWH consultant
11/2007 – 01/2011	Business Intelligence Consultant, Infomotion GmbH
01/2006 – 10/2007	Consultant, Logica (focus on Java and Oracle development)

Education

2000 – 2005	Bachelor of Science in Computer Science, Darmstadt University of Applied Sciences
1997 – 2000	Chemistry studies, Heidelberg University

Training

2025	Microsoft Fabric · Databricks Fundamentals · dbt Fundamentals
2020	Informatica Axon for Community Users
2019	Enterprise Data Catalog: Configuration and Maintenance · Data Discovery and Lineage Analysis
2016	Informatica MDM 10.1: Multidomain Edition Configuration · Informatica Cloud Data Integration · Introduction to Scrum

Project experience

Beitragsservice

07/2026 – present

Informatica expert · Public broadcasting · German

- Maintained the Informatica workflows loading the data warehouse, including knowledge transfer
- Technical support for migrating the PowerCenter workflows to IDMC
- Old-vs-new comparisons as part of testing the implementation and migration
- Built a data warehouse on MS SQL Server, moving the data marts off Db2 z/OS
- Upgraded the CDI-PC (PowerCenter) servers from SLES 12 to SLES 15
- Set up and installed CDI-PC (PowerCenter) and IDMC in the failover data center
- Developed a deployment tool for IDMC, assisted by Claude Code

TECHNOLOGIES Informatica CDI-PC (PowerCenter), Informatica IDMC, Liquibase, Claude Code, Linux (SLES), Db2 z/OS, MS SQL Server

DekaBank

02/2026 – present

Informatica expert · Banking · German

- Advised on setup and configuration of Informatica Cloud Data Integration (CDI)
- Installed and configured the Secure Agent on the client's Linux environment
- Updated the existing PowerCenter environment to connect to the CDI-PC cloud service
- Designed and built deployment tools
- Migrated PowerCenter workflows to IDMC, assisted by Claude Code
- Supported operation of the PowerCenter environments and the adoption of IDMC

TECHNOLOGIES Informatica PowerCenter 10.5.3 / CDI-PC, Informatica IDMC (CDI), Linux, Db2, PostgreSQL, Claude Code

Deutsche Post DHL

10/2024 – 07/2025

DWH expert · Logistics · German

- Analyzed new requirements and designed their integration into the existing DWH
- Developed new and changed DWH load processes with Informatica PowerCenter and Oracle
- Ensured code quality through developer and integration testing
- Built reports with Microsoft Power BI
- Documented changes in Confluence; worked in a Scrum team

TECHNOLOGIES Informatica PowerCenter 10.5.4, Oracle, SQL Developer, Git, Power BI, Jira, Confluence, Scrum

ZPÜ

06/2024 – present

Informatica expert · Collecting society · German · initially full-time, now part-time

- Gathered and analyzed requirements with the business, designed and implemented solutions
- Installed and built the IDMC environment
- Migrated the PowerCenter load processes to Informatica IDMC
- Migrated the DWH database from HP Vertica to Google BigQuery
- Migrated the source database from Microsoft SQL Server to PostgreSQL
- Configured Cloud Data Governance and Catalog (CDGC) for data lineage
- Operation, maintenance, support and further development of the IDMC environment

TECHNOLOGIES Informatica PowerCenter 10.5.4, Informatica IDMC (CDI, CDGC), Google Cloud, BigQuery, PostgreSQL, HP Vertica, MS SQL Server

Consorsbank

01/2024 – 10/2024

Informatica expert · Banking · German and English

- Designed the test data management concept for all non-production databases
- Built and maintained test data management: pseudonymization and synthetic data generation
- ETL development with Informatica PowerCenter

TECHNOLOGIES Informatica PowerCenter 10.5.4, Oracle, MS SQL Server, PostgreSQL

Baloise

10/2023 – 07/2024

Informatica expert · Insurance · German · three short engagements

- Upgraded the PowerCenter environments (dev, test, prod) from 10.4.1 to 10.5.4 (10-11/2023)
- Reinstalled and migrated the Test Data Management environment to a new data center (06/2024)
- Reinstalled and migrated the PowerCenter environments (dev, test, prod) to a new data center (07/2024)

TECHNOLOGIES Informatica PowerCenter 10.4.1/10.5.4, Informatica Test Data Management 10.5.4, Linux

ZF

09/2021 – 02/2022

Informatica expert · Automotive · German and English

- Advised on Informatica Enterprise Data Catalog (EDC): standards, guidelines, best practices and the surrounding system landscape
- Supported EDC customizing and the implementation of concepts
- Contributed to workshops on the strategic direction of the EDC

TECHNOLOGIES Informatica EDC, Informatica Axon

Merck

12/2020 – 01/2021

Informatica EDC/Axon/DQ expert · Pharma · German

- Provided business and technical support for a proof of concept of Informatica EDC, Axon and Data Quality
- Connected various source systems to EDC; configured profiling and metadata loading
- Implemented data domains and custom attributes to enrich metadata; configured data lineage in EDC
- Axon: roles and permissions, datasets, attributes, systems, business glossary, system lineage and Data Marketplace
- Presented the results

TECHNOLOGIES Informatica Enterprise Data Catalog, Informatica Axon, Informatica Data Quality

Trumpf

06/2020 – 07/2020

Informatica expert · Mechanical engineering · German

- Upgraded the Informatica Data Engineering Integration (Big Data Management) environment from 10.2.1 to 10.4

TECHNOLOGIES Informatica Data Engineering Integration 10.2.1/10.4

KTM

12/2019 – 12/2022

Informatica system architect · Automotive · German

- Analyzed and designed new requirements
- Implemented and coordinated an interface from MS SQL Server via OData to SAP Marketing Cloud
- Coordinated further web service interfaces: XC2 tablet data to ServiceNow, PIM data to downstream systems
- Point of contact for all technical questions on Informatica products; troubleshooting in EDC

TECHNOLOGIES Informatica IICS/IDMC, Informatica EDC, MS SQL Server, OData, Webservices, SAP Marketing Cloud, ServiceNow

Vacuumschmelze

10/2019

Informatica expert · Manufacturing · German

- Migrated the IICS Secure Agent from a Microsoft Azure server to an on-premises server

TECHNOLOGIES Informatica Intelligent Cloud Services (IICS), Microsoft Azure

Bistum Augsburg

06/2019 – 12/2019

Informatica expert · Church / non-profit · German

- Gathered requirements, analyzed, designed and built a central analytics platform
- Installed and set up the Informatica cloud environment (IICS, now IDMC)
- Built ETL jobs into a Microsoft SQL Server DWH; connected MS SQL, Oracle, DATEV and Personal Office
- Built dashboards with Tableau
- Connected source systems to EDC; implemented data domains and custom attributes; integrated the business glossary

TECHNOLOGIES Informatica IICS/IDMC, Informatica EDC, Tableau, MS SQL Server, Oracle

Österreichische Post

06/2019

Informatica expert · Logistics · German

- Technical lead of a proof of concept for Informatica Data Quality and EDC
- Installed and configured both products
- Built the metadata catalog: profiled four source systems, data lineage and impact analysis, data domains for classification
- Data quality use cases: duplicate checks, address validation, format checks
- Led workshops with the source system owners; presented the results

TECHNOLOGIES Informatica Data Quality, Informatica Enterprise Data Catalog

Volkswagen

05/2018 – 06/2018

Informatica expert · Automotive · German

- Extracted data from SAP CRM with Informatica Cloud
- Loaded the CRM data into a Hadoop data lake

TECHNOLOGIES Informatica Cloud (IICS), Hadoop, SAP CRM

Concardis

12/2017 – 06/2018

Informatica expert · Payments · German

- Real-time extraction from SAP CRM via PowerExchange for SAP
- Processed complex IDocs with PowerCenter
- Loaded Salesforce objects via PowerExchange for Salesforce
- Transferred contacts and lead conversions from Salesforce to SAP CRM via the Web Services Hub
- Processed bad files and loaded them into Oracle for error analysis

TECHNOLOGIES Informatica PowerCenter 10.1, PowerExchange for Salesforce, PowerExchange for SAP, Web Services Hub, Oracle, XML

BMW

07/2017

Informatica expert · Automotive · German

- Advised on and contributed to a proof of concept with PowerCenter
- Loaded data from PostgreSQL, called a web service for data quality checks, wrote to Salesforce CRM and IBM MQ

TECHNOLOGIES Informatica PowerCenter 10.1, PowerExchange for MQSeries, PowerExchange for Salesforce, PostgreSQL, JSON, REST

KUKA

04/2017 – 12/2019

Informatica expert · Manufacturing / robotics · German · two engagements: 04-12/2017 and 02/2018-12/2019

- Connected PowerCenter to a REST interface for transferring product data
- Parsed JSON messages and stored the content in MS SQL Server
- Transferred the data into a Salesforce application
- Support, operation and further development (phase 2); upgraded PowerCenter from 10.1 to 10.2

TECHNOLOGIES Informatica PowerCenter 10.1/10.2, PowerExchange for SAP, PowerExchange for Salesforce, MS SQL Server, JSON, REST

GEMA

09/2016 – 12/2023

Informatica expert · Collecting society · German · alternating full-time and part-time

- Supported the introduction of Informatica PowerCenter and trained internal staff
- Defined roles and permissions, development guidelines and naming conventions
- Designed the architecture and data model of the new DWH
- Replaced a 30-year-old COBOL application with PowerCenter
- Connected SAP (PowerExchange for SAP, extraction via SAP BCI) and HP Vertica (PowerExchange for Vertica)
- Interfaces: SOAP messages into a TIBCO EMS queue; data retrieval via the REST API of a DMS
- Upgraded the PowerCenter environments (ETAP) from 10.2 to 10.4 and 10.5
- Built a test framework in Python using pandas
- Proof of concept for Informatica IDMC

TECHNOLOGIES Informatica PowerCenter 10.1–10.5, PowerExchange for SAP, PowerExchange for MQSeries, PowerExchange for HP Vertica, Web Services Hub, Oracle 12c/19c, HP Vertica 8/9, Python, Informatica IDMC, Microsoft Azure

Synlab

07/2016 – 06/2017

DWH expert · Laboratory diagnostics · Project: eDWH · German

- Built a group-wide enterprise data warehouse based on Oracle and Informatica PowerCenter
- Implemented interfaces from the source systems into the staging area
- Designed and implemented ETL processes from staging into the Raw Vault and from the Raw Vault into the Business Vault
- Advised on best practices and performance optimization

TECHNOLOGIES Informatica PowerCenter 9.6.1, Oracle 12c, HORA, Data Vault 2.0, XML

Media Saturn

01/2016 – 09/2016

Data quality expert · Retail · Project: DQM, WWS OnePager · German

- Reverse-engineered and documented existing load processes
- Designed a process for detecting data quality issues; built a prototype with SAP Data Services and BusinessObjects to detect, historize and visualize them in a dashboard
- Built the data quality platform for group-wide monitoring
- Agreed data quality rules with the business, implemented them in SAP Data Services and reported them in BusinessObjects (incl. translation with Translation Manager)
- Optimized load performance; documented in Confluence; agile development with Scrum

TECHNOLOGIES SAP Data Services 4.2, SAP BusinessObjects 4.1, Teradata 15, Oracle 11g R2, Jira, Confluence, Scrum

BMW Financial Services

09/2015 – 10/2015

SAP BusinessObjects expert · Financial services · Project: SF1-DWH RU · German

- Reporting platform for a new DWH (Informatica PowerCenter, Oracle, SAP BusinessObjects) for BMW Financial Services Russia
- Universes for 6 business units with Information Design Tool; 41 complex Web Intelligence reports
- Analyzed and adapted the data mart model; aligned with business units; testing and deployment

TECHNOLOGIES Informatica PowerCenter 9.1, Oracle 12c, SAP BusinessObjects 4.1 (IDT, WebIntelligence), SQL Developer, TOAD, HP ALM, Unix, Shell

UniCredit

04/2015 – 01/2016

Informatica expert · Banking · Project: Market Intelligence & Repositories · English · two engagements: 04-08/2015 and 11/2015-01/2016

- Analyzed requirements and specifications; wrote technical documentation
- Implemented inbound and outbound interfaces and workflows according to internal standards and best practices
- Tested the mappings and workflows

TECHNOLOGIES Oracle 11g R2, Informatica PowerCenter 9.1/9.6.1, SQL Developer, Unix, Shell

Linde Gas

06/2014 – 03/2015

Sub-project lead · Industrial gases · Project: RCN Data · English

- Coordinated data quality rules for SAP vendor data from 10 European countries in preparation for a group-wide SAP template
- Defined, reviewed and signed off data quality rules; regular alignment calls with all 10 countries
- Cleansed address data with Address Doctor; detected duplicates with Informatica Data Quality

TECHNOLOGIES Oracle 11g R2, Informatica PowerCenter 9.5.1, Informatica Data Quality 9.5.1, Address Doctor, Unix, SAP

Earlier projects (2007–2014)

10/2013 – 06/2014	Alphabet	Technical project lead – BI phase III: risk data mart (Informatica, Oracle, BusinessObjects), team coordination, data modeling, performance tuning
04/2013 – 10/2013	BMW	Senior Informatica developer – Design and development of a new BI platform (Informatica, Oracle, BusinessObjects)
07/2012 – 04/2013	Alphabet	Technical project lead – BI phases I and II: extension of the BI platform, team coordination, data modeling
03/2012 – 08/2012	Boehringer Ingelheim	Developer, administrator, consultant – DWH operation and development, PowerCenter migration 8.6.1 → 9.1, evaluation of Informatica Cloud
07/2011 – 08/2012	Santander	Informatica expert – SEB migration “Project Galaxy”: ETL and PL/SQL, mainframe integration, scheduling, release planning, team coordination
02/2011 – 06/2011	DekaBank	Business analyst and developer – PL/SQL development, analysis and design, requirements gathering with the business
11/2007 – 01/2011	Viessmann	Sub-project lead, architect, developer – DWH redesign: architecture, functional specs, SAP extraction, PowerCenter administration, BusinessObjects universes and reports
06/2007 – 10/2007	EnBW	PL/SQL developer – Stored procedures, packages and triggers; design and execution of a data migration