Max Powis

Data Expert

(40 years old)

Data is gold but often looks awful. I am passionate about using technology to making it accessible and beautifully shaped to maximize business efficiency.

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Summary

I am passionate about data and technology. My deepest satisfaction lies in delivering highly efficient and modular solutions relying on strong data models for reuse across various data disciplines.

Throughout my career, I have endorsed various positions involving data governance, data architecture, data modeling (data vaulting, dimensional modeling, unified star schemas, …), data integration, system integration. reference/master data management and business analytics (reporting & dashboarding).

Interests: data-modeling   data-architecture   data-integration   data-warehouse-automation

Companies I have worked for

Jan 2019 ➜ Present
(3 years, 11 months)

Freelance Data Expert at **maxPowX**, Brussels, BE

Consultant in data architecture, data modeling, data governance, data integration, system integration, reference data, master data management and business analytics.

Oct 2012 ➜ Jan 2019
(6 years, 3 months)

Data Vault & BI Expert at **dFakto**, Brussels, BE

Having deep interest in data modeling and data management, I have been devoted to smoothening business processes and providing governance bodies with reliable information through advanced data integration techniques.
Drove the organization towards more agile delivery through methodology mashups fit for consulting firms.

Nov 2006 ➜ Sep 2012
(5 years, 10 months)

EAI Engineer at **Accenture Technology Solutions**, Brussels, BE

Integrated enterprise applications (EAI) for major companies active in the telecommunication and banking industries.
Extensive experience with offshore application delivery centers in Bratislava and Bangalore.

Took part in the application design, implementation, test and delivery management of the Java technology based products.

Benches I have scratched

Sep 2005 ➜ Jun 2006
(9 months)

Post-bachelor E-Design at **HoGent**[1], Aalst, BE

Coursework included Multimedia Authoring, e-Business, Web design & development, CMS and more.
Also a great opportunity to get comfortable at speaking Dutch.

Sep 2002 ➜ Jun 2005
(2 years, 9 months)

Bachelor of Computer Science option Management at **IESN**[2], Namur, BE

Coursework included UML, Java, C, C++, C#, Cobol, Assembler, data modeling, project management and much more.

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[1] Hogeschool Gent department Bedrijfskunde
[2] Haute école d'Enseignement Supérieur de Namur

Missions I have carried out

(7 months)

Data Governance Lead Architect at Portuguese Telco, Lisbon, PT

`Data Mesh` `Collibra` `Google BigQuery` `Google Cloud Engine` `Google Dataplex DQ` `Terraform` `Flowable`

Architected the 9 core Data Governance capabilities and functions supporting the Data Mesh strategy of the organisation

Played the Data Governance product owner role, defining and orchestrating the product backlog for implementation across delivery sprints

Technical lead with hands-on terraform scripts and Collibra workflow implementations

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Apr 2022 → *Present*

(8 months)

Data Governance Expert at German Telco, Düsseldorf, DE

`Collibra` `AB Initio MHub`

Define the architectural vision for a transition towards a Hybrid Data Governance Platform (involving mutiple data governance technology components)

Plan the journey towards introducing Collibra DIP as a new component of the Hybrid Data Governance Platform

Build the concept map within the Data Governance teams to be used as a reference for all Data Governance capability implementations

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Jan 2019 → Feb 2022

(3 years, 1 month)

Data Governance Manager at Belgian Telco, Brussels, BE

`Collibra` `REST API` `Swagger` `SOAP UI`

Responsible to define the Data Model governance capability functions and implementation guidelines towards a new, better way of working.

Drove the glossary capability implementation for the BI Community from design to delivery, including awareness and training sessions for 130+ people.

Delivered a real-time Business Capability Service integration of the glossary wihtin a BI DataSet Development Framework to support business term-driven documentation of data assets at design time.

Mar 2018 → Jan 2019

(11 months)

Data Vault Architect at Aerospace Manufacturing C°, Brussels, BE

`Data Vault` `Star Schema` `SQL Server` `(SQL Server) Master Data Services` `Docker` `Datavault Builder` `QlikSense` `PowerShell` `SAP HighSEA`

Designed, engineered and delivered a full automated agile data management platform in 4 months. The platform included:

- connectors to 3 source systems + the master data repository
- data integration and historisation across 80+ business concepts of the data vault
- a unified star schema for information delivery
- master data management integrated with Excel for business power-users
- responsive dashboards with enhanced drill-down capabilities

The Solution served 3 use cases such as on-time delivery, supply chain issue tracking and task pointing performance.

Nov 2014 → Mar 2018

(3 years, 4 months)

Data Vault Architect at Insurance C°, Brussels, BE

`Data Vault` `Star Schema` `SQL Server` `Qlik View` `SSIS` `C# .NET` `SQL Agent`

Designed, engineered and delivered a data vault and various role-based dashboards serving the needs of 120+ IT project management stakholders

Stakeholder roles included program managers, project managers, resource management, financial controllers, and more

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Jul 2013 → Aug 2013

(1 month)

Solution Architect & Engineer at Non-profit Organisation, Brussels, BE

`MS Access` `Qlik View` `Business Objects` `VBScript`

Pragmatic solution for accouting quality controls and budgeting dashboards. Blended in-house tools and smart methods.

Oct 2012 → Jul 2013

(8 months)

Data Vault Architect at International Bank, Brussels, BE

`SQL Server` `SSIS` `T-SQL` `Business Objects` `VBA` `C#` `VBScript` `Control-M`

My first encounters with data vaulting. Fully automated and integrated in the enterpise application and security architecture

Jun 2011 ➔ Sep 2012
(1 year, 3 months)

EAI - Senior Application Designer at **International Bank**, Brussels, BE

IBM WMB   IBM MQ   IBM WAS   Oracle DB   Oracle PL/SQL   Java   Hibernate   Spring   Maven

Introduced and implemented best practices in application delivery management. Designed interface agreements, functional and technical documents for application components in scope of the delivery. Developed stand-alone java components and supported development of WMB and WAS GUI components.

Mar 2011 ➔ Jun 2011
(3 months)

ESB Performance Team at **Bank**, Calgary, CA

webMethods Integration Server   webMethods Developer   webMethods Insight   Java   JMS   IBM DB2
IBM AIX HA Clusters   F5   CA Wily IntroScope

Audited and diagnosed the performance of the ESB layer interfacing the SAP systems. Fixed issues at cluster, OS, JVM, application, framework and component levels and pointed out abnormal response times regarding exposed SAP services.

Nov 2010 ➔ Mar 2011
(3 months)

EAI - Technical Architect at **Global Telco**, Strasbourg, FR

webMethods Developer   SOA/P   BPM/N   8550   PKI   VBA

Provided counsel in the fields of infrastructure, application frameworks and platform migrations.

Nov 2006 ➔ Oct 2010
(3 years, 11 months)

EAI - Application Designer at **Global Telco**, Brussels, BE

webMethods Integration Server, Developer, Modeler & Broker   SOA/P   BPM/N   Unix   Oracle DB
Oracle PL/SQL   BEA WebLogic   Java   STRUTS

Participated in several release lifecycles including release management, functional/technical design, test condition and test script creation, implementation, assembly/integration tests, acceptance testing support and move to production. Supported the offshore development team during build phase. Managed incidents, defects and maintenance releases.

Feb 2005 ➔ May 2005
(2 months)

Intern, Developer at **Edesign**, Ophain, BE

java   PHP   SOA

Study, design and implementation of a "PermissionService" in the core company's product.

Data & Technology Proficiency

DATA MODELING:	Conceptual — ER/3NF — Data Vault — Dimensional (☆ & ❄) — Canonical
RDBMS:	SQL Server — Oracle — MariaDB/MySQL — PostgreSQL
DOCUMENTS:	JSON — JSONSchema — YAML — XML — XSD — CSV — DTD — HTML
DWH AUTOMATION:	Data Vault Builder, WhereScape RED
ETL:	SSIS — Talend
DATA VISULISATION:	QlikSense — QlikView — Business Objects
API:	REST — RAML — Swagger — Postman — SOAP — SoapUI — WSDL
IDE:	Visual Studio — VS Code — Eclipse
TOOLS:	Jira — Confluence — GitLab
VERSION CONTROL:	Git
O/S / VIRTUALIZATION:	Windows — Linux — vSphere — Docker
SCRIPTING:	Bash — PowerShell — VBScript
PROGRAMMING:	Python — C# — Java

Languages

FRENCH:	Mothertongue
ENGLISH:	Proficient
DUTCH:	Advanced

Specializations

Courses: Collibra Expert I — Online (Credential ID: CELIC-20190131-1072)
            Certified Data Vault 2 Practioner (CDVP2) — Dan Lindstedt (certificate)
            Business Information using RED on SQL Server — WhereScape