



# JULIA PARANICH

**BUILDING FUTURE-PROOF DATA SOLUTIONS WITH A PURPOSE**

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## SUMMARY

**Multilingual, academically trained and certified Data Engineer & BI Analyst** with over 15 years of professional experience, including **8+ years dedicated to data management** across the energy, investment management and software development sectors. Passionate about all things data, skilled in designing and implementing end-to-end data and analytics solutions using tools such as **Python, SQL, Azure, Databricks, dbt, Snowflake and Power BI**.

A collaborative and reliable team player with a proven track record of delivering high-quality results **in Agile multidisciplinary environments**. Adept at bridging the gap between business and technology through thoughtful analysis, risk awareness, clear and transparent communication, as well as a strong commitment to personal integrity and professional ethics.

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## PROFESSIONAL SKILLS

Data/Analytics Engineering | Data Warehousing | Data Modelling | Information Systems | Python | SQL | Snowflake | Power BI | Azure | DBT | Databricks

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## WORK EXPERIENCE

### Business Intelligence Analyst / Data Engineer

**Eneco** | 2024 – present

- Refactoring and stabilizing a 20-year-old legacy DWH migrated from Oracle/PowerCenter to Snowflake and Airflow, ensuring production-grade reliability and performance
- Reviewing and implementing a canonical data model to support B2C gross margin calculations
- Supporting external development teams by documenting core logic, standardizing definitions, and enabling long-term knowledge transfer
- Co-defining team guidelines on data modeling (Data Vault), testing standards, and code review processes to improve maintainability and reusability
- Contributing to a new DWH architecture with dbt, Power BI, and Azure DevOps

### BI Consultant / Data Engineer

**Stedin** | 2023 – 2024

- Building BI solutions on Microsoft Azure stack (Databricks, SQL, Power BI) for multiple data use cases
- Engineering ETL processes using Python and Airflow to deliver reliable data pipelines under CI/CD governance
- Collaborating with stakeholders from operations and asset management to translate needs into data products, fitting the modern architecture with its standards and guidelines
- Modeling integration and consumption layers with both Data Vault and Kimball techniques
- Operating within the SAFe Agile framework

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## WORK EXPERIENCE CONTINUED

### Data Platform Specialist

**Valcon** | 2022 – 2023

- Co-leading a pilot project at large international retailer for financial analytics by integrating four specialized enterprise systems
- Developing dimensional models (Kimball) for reporting portfolio performance in Power BI dashboards consumed by business navigators
- Mapping complex business logic into enriched data layers while aligning with architecture and governance standards
- Drafting a comprehensive statement of work with scope, resource planning, timelines and constraints

### Business Consultant / Data Analyst / Data Engineer

**Q Concepts** | 2021 – 2022

- Acting as SME for SimCorp DWH modules in projects with a.s.r. and CACEIS, Supporting Solvency II and Risk Reporting
- Designing performant ETL flows for regulatory and internal reports using SQL, SimCorp scripting, and external data sources (e.g. ESG, fund metadata)
- Improving data quality and traceability through consistent modeling strategies and optimization of indexing structures
- Automating data quality checks using Python workflows, reducing manual workload and turnaround time for regulatory output

### Quality Analyst & Scrum Master

**Mendix** | 2019 – 2021

- Working in cross-functional team developing Mendix Data Hub (OData-based data integration product), with governance and traceability features
- Acting as a proxy Product Owner, managing backlog and facilitating sprint ceremonies
- Performing exploratory testing and improving test automation (API/UI), providing risk-based assessment of the product
- Initiating practices around technical debt management and quality awareness, contributing to long-term velocity gains

### Senior Business Consultant / Data Engineer/Modeler

**SimCorp** | 2012 – 2019

- Delivering full SimCorp DWH implementations for clients including PGGM, Swedbank Robur, NNIP, MN
- Modeling data aligned with Kimball standards to support Solvency II, IFRS, ESG, and client-specific reporting needs
- Acting as a dedicated consultant at a.s.r. for multiple years, maintaining the DWH landscape, integrating new data sources and delivering custom reports
- Supporting development teams on product improvements (Investment Management Warehouse), collaborating on changes to standard logic and structures
- Performing stakeholder engagement activities and contributing to product roadmap development

### Software Test Automation Engineer

**EPAM** | 2010 – 2012

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## EDUCATION

**MSc Information Systems**

University of Amsterdam | 2021 – 2025

**MS Software Engineering + BSc Computer Science (Distinction)**

National Aviation University | 2005 – 2011

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## RELEVANT COURSES & CERTIFICATIONS

- CDMP Associate, Dama.org (2024)
- dbt Learn Fundamentals (2024)
- Certified SAFe 6 Practitioner & DevOps Practitioner (2024)
- Databricks Certified Data Engineer Associate (2023)
- Certified Data Vault Data Modeler (2023)
- Microsoft Certified: Azure Fundamentals, Azure Data Fundamentals, Power BI (2022)
- Professional Scrum Master I & Product Owner I (2020)
- ISTQB Advanced Test Analyst + AST Black Box Software Tester (2015, 2020)
- Ongoing MOOC courses on a wide spectrum of subjects

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## OTHER INFORMATION

- **Languages:** English (C2), Dutch (B2), Spanish (B1-B2), Ukrainian/Russian (native), Mandarin (started)
- **Activities:** volunteering at cultural and human rights events, conferences enthusiast
- **International Exposure:** worked/lived in 4 countries
- **Interests:** energy transition, system thinking, investigative journalism, philosophy, hiking, dancing, racket sports