RESUME

Jari Y
Lead Data Architect

Industry
Finance
Food
Health Care
Mining
Packaging
Process & Automation
Telecommunication

Methology
Agile
Waterfall
Hybrid

Language
English
Finnish
Swedish

Sertificate
Six Sigma Black Belt
Data Modeling with Ellie
Certified Data Vault 2.0 Practitioner

👤 PROFILE

Senior data professional exploring how data systems, analytics, and AI can become more intuitive and human-centered. Experienced across data engineering, architecture, and analytics — from hands-on pipeline development to guiding teams in building reliable, insight-driven solutions. Extensive experience delivering data warehousing and business intelligence solutions for leading organisations in their respective fields. Responsible for designing, developing, and maintaining data warehouse and analytics platforms that support enterprise data storage, analysis, and reporting needs.

Just lately been focusing on connecting structured business data with unstructured context into a unified intelligence layer, and exploring how tools like Databricks, Microsoft Fabric, and dbt can help organizations achieve enterprise-level data fluency. Work centers on metadata-driven automation, semantic models, and trustworthy AI — making data not just accessible, but truly understandable.

⚙️ SKILLS

Skills & technologies

- Azure Data Factory
- Azure Data Lake
- Azure Stream Analytics
- Azure Synapse Analytics
- Business Consulting
- Business Intelligence
- Change Management
- Data Analysis
- Databricks
- Data Build Tool (dbt)
- Data Vault
- Data Visualization
- Data Warehouse Architecture
- Ellie Data Modeling

- Enterprise Data Modeling
- ETL
- Financial Forecasting
- Financial Planning
- Financial Reporting
- Financial Statements
- IFS ERP
- IFS In-house training
- KPI Dashboards
- Microsoft Fabric
- Microsoft Power BI
- Microsoft Sql server
- Planning, Budgeting & Forecasting
- Python Programming

- SAP Analytics Cloud
- SAP Business Warehouse
- SAP ERP
- SAP S/4HANA
- Six Sigma Black Belt
- SQL
- SQL Server Management Studio
- Supply Chain Management
- Team Building
- Team Leadership
- Wherescape 3D
- Wherescape Red

📋 EXPERIENCE [selected projects and assignments]

incra.ai
Co-Founder & Lead Data Architect
Jun 2024 - Mar 2026

Been developing incra.ai, a technical Data & AI automation framework built on Microsoft Azure and Microsoft Fabric, focused on clean data architecture, governed modeling, and explainable AI.

Key responsibilities:
- Azure data architecture: Designed ADF ingestion pipelines, Fabric Lakehouse/Warehouse structures, Delta table layers, Key Vault integration, and GitHub Actions CI/CD.
- Metadata automation: Built VaultCraft, a Python + dbt Core engine that automates Bronze → Silver → Data Vault → Gold modeling from structured metadata.
- AI integration: Implemented an Azure OpenAI + Cognitive Search RAG assistant for business insights, metadata-aware reasoning, and secure enterprise retrieval.
- Governance & reliability: Ensured full lineage, traceability, version control, reproducibility, and secure patterns across the entire pipeline.

This work has been deepening my expertise in Azure, Fabric, Databricks, metadata automation, and safe LLM integration — with a focus on designing reliable, regulated, enterprise-grade data architecture.

📋 EXPERIENCE [selected projects and assignments]

Digia Plc

Lead Analytics Architect

Apr 2024 - May 2025

I have worked as a data architect specializing in Azure-based analytics platforms, Microsoft Fabric, and Databricks, with extensive experience designing hybrid architectures that integrated securely with existing on-prem systems.

My work focused on building reliable, governed, and maintainable data platforms: medallion models, Data Vault, CI/CD pipelines, identity and access patterns, lineage, and full lifecycle documentation. I designed systems that prioritized traceability, auditability, and operational safety — qualities essential in regulated and high-trust environments.

Alongside that work, I began developing incra.ai, a technical framework that automates Data Vault and dimensional modeling using Azure, Fabric, dbt Core, and explainable AI (Azure OpenAI + Cognitive Search). This strengthened my expertise in metadata automation, Fabric Lakehouse architecture, and safe LLM integration.

At the core of my career, I have focused on enabling organizations — especially those operating in complex, on-prem–heavy or safety-critical environments — to build data solutions that are secure, transparent, and ready for long-term operational use.

I worked closely with business stakeholders and technical teams to ensure that architectures aligned with long-term operational needs and compliance requirements. I have worked as a data architect specializing in Azure-based analytics platforms, Microsoft Fabric, and Databricks, with extensive experience designing hybrid architectures that integrated securely with existing on-prem systems. My work focused on building reliable, governed, and maintainable data platforms: medallion models, Data Vault, CI/CD pipelines, identity and access patterns, lineage, and full lifecycle documentation. I designed systems that prioritized traceability, auditability, and operational safety — qualities essential in regulated and high-trust environments. Alongside that work, I began developing incra.ai, a technical framework that automates Data Vault and dimensional modeling using Azure, Fabric, dbt Core, and explainable AI (Azure OpenAI + Cognitive Search). This strengthened my expertise in metadata automation, Fabric Lakehouse architecture, and safe LLM integration. At the core of my career, I have focused on enabling organizations — especially those operating in complex, on-prem–heavy or safety-critical environments — to build data solutions that are secure, transparent, and ready for long-term operational use. I worked closely with business stakeholders and technical teams to ensure that architectures aligned with long-term operational needs and compliance requirements.

📋 EXPERIENCE [selected projects and assignments]

Solteq Plc

Senior Business Intelligence Architect

Feb 2024 - Mar 2024

In my role of Senior Business Intelligence Architect, a shift was made from the technical focus of a Data Architect to a broader perspective that integrated business intelligence into our data solutions. The responsibilities encompassed the evaluation, planning, and implementation of BI strategies that was aligned with client goals. This role merged a technical background with an emphasis on business outcomes, aiming to deliver meaningful insights through data. In my new role of Senior Business Intelligence Architect, a shift was made from the technical focus of a Data Architect to a broader perspective that integrated business intelligence into our data solutions. The responsibilities encompassed the evaluation, planning, and implementation of BI strategies that was aligned with client goals. This role merged a technical background with an emphasis on business outcomes, aiming to deliver meaningful insights through data.

Confidental

Data Architect

Aug 2023 - Jan 2024

As a Data Architect, my primary area of expertise was in data modeling, particularly in building a robust and efficient data architecture. I am skilled in various types of data modeling, including conceptual, logical, physical as well as Data Vault. Additionally, I am proficient in Azure cloud services, which I leverage to enhance the scalability and performance of our data solutions.

One of the tools at my disposal was our in-house developed Data Warehouse Automation tool, DataShovel (Data Vault DWA) with Snowflake as the underlying data warehouse to offer value to our customers through rapid development and unique features. Although DataShovel was often used independently by our clients, my role focused on integrating it effectively with Azure services to maximize its potential within our customer's architecture.

By concentrating on these areas, my objective was to develop a data infrastructure that delivers significant value to our customers.As a Data Architect, my primary area of expertise was in data modeling, particularly in building a robust and efficient data architecture. I am skilled in various types of data modeling, including conceptual, logical, physical as well as Data Vault. Additionally, I am proficient in Azure cloud services, which I leverage to enhance the scalability and performance of our data solutions. One of the tools at my disposal was our in-house developed Data Warehouse Automation tool, DataShovel (Data Vault DWA) with Snowflake as the underlying data warehouse to offer value to our customers through rapid development and unique features. Although DataShovel was often used independently by our clients, my role focused on integrating it effectively with Azure services to maximize its potential within our customer's architecture. By concentrating on these areas, my objective was to develop a data infrastructure that delivers significant value to our customers.

📋 EXPERIENCE [selected projects and assignments]

Valmet
Data Engineer
3/2022 – 5/2023

As a member of the Group Business Controlling and Reporting Team my responsibilities include:

Planning and executing complex data warehousing and analytics projects starting from the source systems, such as ERP, CRM and finance platforms, and utilizing the Microsoft Azure technology stack - *Azure Data Lake*, *Azure Data Factory*, *Azure Synapse Analytics* up to the presentation layer using *MS Power BI* allowing the business to make accurate data-driven business decisions for new direction and help it to redefine and alter previous critical business strategies. In my position, I have overall responsibility of project deliveries, scope, and timelines

Requirement gathering, data discovery, data modelling using ERD, dimensional and *Data Vault 2.0* techniques

Hands-on in design, validation, training and testing

Hands-on support, maintenance and continues development of the current reporting and analytics content

Overall responsibility of an analytics domain (e.g., finance, supply chain, production, sales)

Development of the team's way of working and development of best practices

Skills: Agile Methodologies · Azure Synapse Analytics · Business Requirements · Business Process · Business Process Re-engineering · Communication · Team Motivation · Extract, Transform, Load (ETL) · Data Warehouse Architecture · Data Vault · Microsoft SQL Server · SQL Server Management Studio · SQL · Business Intelligence (BI) · Business Analysis · Microsoft Power BI · Change Management · Analytical Skills · Data Analysis · Analytics · Intelligence Analysis · Data Visualization · KPI Dashboards · Supply Chain Management · Financial Statements · Financial Planning · Financial Reporting

Pinja Group
DW & BI Consultant
5/2020 – 2/2022

Pinja is developing a Data Warehouse and BI system for HUS (Helsingin ja Uudenmaan sairaanhoitopiiri).

The project is significant in scope: HUS has about 27,000 employees and the organization's Data Warehouse is the largest in the Nordic countries.

In my position the primary role is to support the hospital district's day-to-day data operations while working on projects to enhance functionality and reliability of the overall data infrastructure and have a "hands-on" approach in making use of WhereScape Data Warehouse Automation tool, SSMS, and *Data Vault 2.0* methodology all the way up to visualization with *MS Power BI*. I am responsible for working with the HUS business owners to organize and lead workshops for creating conceptual models, schemas, and implement new functionality utilizing Microsoft technology stack including *Azure Data Lake*, *Databricks* and *Azure Synapse Analytics*.

The primary role is to support the hospital district's day-to-day data operations while working on projects to enhance functionality and reliability of the overall data infrastructure and have a "hands-on" approach in making use of WhereScape Data Warehouse Automation tool, SSMS, and Data Vault 2.0 methodology all the way up to visualization with MS Power BI.

Skills: Business Consulting · Agile Methodologies · Business Requirements · Business Process · Business Process Re-engineering · Communication · Team Motivation · Ellie Data Modeling · Enterprise Data Modeling · Extract, Transform, Load (ETL) · Data Warehouse Architecture · Data Vault · Microsoft SQL Server · SQL Server Management Studio · SQL · Azure Synapse Analytics · Wherescape 3D · Wherescape Red · Business Intelligence (BI) · Business Analysis · Microsoft Power BI · Change Management · Analytical Skills · Data Analysis · Analytics · Intelligence Analysis · Data Visualization · KPI Dashboards · Supply Chain Management · Financial Statements · Financial Planning · Financial Reporting · Budget Process · Financial Forecasting

EXPERIENCE [selected projects and assignments]

Prevex Oy
<u>Solution Architect</u>,
6/2017 – 8/2019

As a product owner of the IFS ERP and Reporting Solution based on the *Microsoft technology stack* my role as a Solution Architect included ownership of the data architecture framework that provided the standard in how data was stored, processed and integrated through the Data Warehouse to drive effective consumption for reporting, insight and analytics. I was responsible for
Ensuring that the project was delivered on time and on budget
Resource planning of the development team
Developing conceptual, logical and physical data
models in co-operation with the business owners
Developing ETL processes and preparing the data architecture
Evaluating all proposals requests and assisting to improve structure of data warehouse and front-end functionality
Skills: Agile Methodologies · Business Requirements · Business Process · Business Process Re-engineering · Communication · Team Motivation · Team Leadership · Enterprise Data Modeling · Extract, Transform, Load (ETL) · Data Warehouse Architecture · Microsoft SQL Server · SQL Server Management Studio · SQL · Business Intelligence (BI) · Business Analysis · Microsoft Power BI · Change Management · Analytical Skills · Data Analysis · Analytics · Intelligence Analysis · Data Visualization · KPI Dashboards · Supply Chain Management · Financial Statements · Financial Planning · Financial Reporting · Budget Process · Planning Budgeting & Forecasting · Financial Forecasting · IFS ERP

Several International Companies
<u>BI & DW Consultant</u>
8/1991 – 12/2014

Worked for several international companies such as *Tetra Pak International S.A., Nokia Oyj, PerkinElmer Inc*. The assignments included:
Leading the implementation of DWs and reporting solutions on the global level on the finance subject area utilizing mainly SAP technology stack
Solving the issues related to ERP migrations
Member of global ERP implementation teams responsible for the finance subject area
Training and educating the organizations in subsidiaries using BI tools for reporting and analysis
Executed the vision and strategy for the analytics teams that created and maintained ad hoc and recurring analytics
Performed analysis, design, development and testing of various application components.
Skills: Business Consulting · Agile Methodologies · Business Requirements · Business Process Re-engineering · Communication · Team Motivation · Team Leadership · Enterprise Data Modelling · Data Warehouse Architecture · Microsoft SQL Server · SQL Server Management Studio · SQL · SAP Business Warehouse (SAP BW) · SAP Analytics Cloud · Business Intelligence (BI) · Six Sigma Black Belt · Business Analysis · Change Management · Analytical Skills · Data Analysis · Analytics · Intelligence Analysis · Data Visualization · KPI Dashboards · Supply Chain Management · Financial Statements · Financial Planning · Financial Reporting · Budget Process · Planning Budgeting & Forecasting · Financial Forecasting · SAP ERP