

ARIHANT SHASHANK

Lead Data and AI Architect at Ericsson's Global Data & AI office

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EXPERIENCE



Lead Data Architect (CDO Office)

Ericsson

Present

Bengaluru

Project name	Description
EFDL (50% of my time)	<ul style="list-style-type: none">-EFDL (Ericsson Federated Data Lake): A federated lake that unifies semantic layers from multiple data islands, making them discoverable through a informatica marketplace for cross-domain exploration and querying without centralization.-Secured Funding: Raised 4 MSEK based on the EFDL vision, reflecting strong organizational buy-in.-POC to Production: Scaled from POC to production using open catalog, Apache Iceberg, data mesh, and fabric; went live with 4 data islands and 7 more in roadmap.
AI ready data/ Cortex Text to SQL/ RAG strategy (30%)	<ul style="list-style-type: none">-Defined AI-ready data framework (quality, accessibility, semantics, governance).-Applied ontologies & semantic layers to unify meaning across data islands.-Enabled cross-domain exploration in Federated Data Lake for AI/GenAI use cases.-Defined RAG strategies for contractual data and data owner approvals.-Used Cortex capabilities to enable text-to-SQL access for stakeholders.
Master Data Product (20% of my time)	<ul style="list-style-type: none">-Designed a fully automated pipeline to ingest master data from SAP MDG to Snowflake via AWS Glue and PySpark, enabling real-time updates.-Built a scalable data product framework using Snowpark for cleansing, enrichment, and golden record creation.-Published standardized master data to the enterprise marketplace, powering federated consumption across business domains.



Analytics Architect

Ericsson

09/2023 - 03/2025

Bengaluru, India

- Designed and maintained a robust data pipeline from various non-SAP sources to Snowflake landing
- Conducted proof-of-concept assessments for source systems to determine compatibility with DAP framework
- Led architectural changes based on project specifications
- Implemented data governance and security measures ensuring compliance with regulations
- Optimized data pipelines for scalability and performance
- Established monitoring and logging system using Power BI for data integration processes
- Reviewed and optimized costs associated with data storage, processing, and transfer
- Conducted code reviews and established best practices

SUMMARY

In a rapidly changing world, I stand out as someone who takes ownership, remains accountable, and is always ready to take on any challenge - a quality that distinctly sets humans apart from AI.

Experienced Lead Data Architect with 10+ years in data engineering, cloud, architecture, and Generative AI. Skilled in shaping data strategy, building secure, scalable pipelines, and aligning data initiatives with business outcomes. Proven leader in AWS, Snowflake, and visualization.

SKILLS

Data Engineering Spark/ pyspark

Python/Scala Big data Snowflake

AWS- Data engineering Data Architecture

Generative AI Tableau and PowerBI

KEY ACHIEVEMENTS

Led Migration from Legacy Platforms to Snowflake

Migrated from AWS EMR and SAP to Snowflake, saving **65M SEK** through streamlined architecture

Accelerated Career Growth with CEO Recognition:

Promoted twice in quick succession and officially recognized by Ericsson's CEO for data leadership excellence

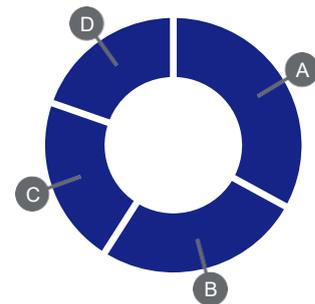
Snowflake Data Superhero (2024 & 2025):

Recognized two years in a row for contributions to Snowflake community

Drove RAG Strategy for CDO Organization:

Defined RAG-based data engineering

HOW I SPLIT MY TIME



A Data engineering

B RnD and POC

C Data Architecture

D Empowering CDO & Data Teams with a Future-Ready Data Strategy

EXPERIENCE



Lead Data Engineer

Ericsson

05/2022 - 08/2023 Bengaluru, India

- Handled a team of 7 and managed the migration of the system from MapR to AWS
- Responsible for end-to-end flow of data ingestion in PySpark
- Built multiple dashboards in Tableau using data sourced from AWS Athena and SAP Hana
- Coordinated requirements gathering from stakeholders and delegated tasks among teams



Data Engineer III

Walmart

05/2021 - 05/2022 India

Walmart is a multinational retail corporation that operates a chain of hypermarkets

- Worked on delivery metrics for Walmart's online delivery platform using Spark, Python, and GCP
- Collected drivers' information to analyze performance and automate payment processes
- Built and maintained historical records of store openings and closings using SCD2 logic
- Developed ETL pipelines from raw JSON data captured through Kafka events



Data Engineer

TCS

12/2020 - 05/2021 India

Tata Consultancy Services is a multinational IT services and consulting company

- Configured ETL pipelines for a leading bank to migrate from Teradata to MAPR
- Converted Teradata data scripts into Spark ETL for Hive
- Maintained reporting layers for card transaction data



Big Data Consultant

Deloitte

08/2018 - 12/2020 India

Deloitte is a multinational professional services network

- Built an ETL pipeline on AWS Glue utilizing PySpark for real-time data ingestion
- Implemented telematics rules using metadata approach for an insurance firm
- Adhered to GDPR compliance by masking sensitive data from the data warehouse



ETL Developer

GSPANN

12/2017 - 08/2018 India

GSPANN is a leading provider of technology and consulting services

- Migrated a data warehouse from Teradata to Cloudera HDFS for a leading contract manufacturer
- Materialized key tables to analyze overall production metrics



Senior Systems Engineer

Infosys

05/2015 - 11/2017 India

Infosys is a multinational corporation providing business consulting and IT services

- Migrated the data warehouse from Teradata to Cloudera HDFS maintaining materialized views
- Working with various ETL processes to improve data handling

STRENGTHS



Data Strategy:

Expert at aligning data architecture with business goals, enabling scalable and future-ready data ecosystems.



Framework Building:

Skilled in designing end-to-end, reusable data frameworks for ingestion, governance, and processing across hybrid environments.



Use Case Translation:

Adept at bridging tech and business by articulating complex data solutions through impactful, real-world use cases.

CERTIFICATION

Advance certification in Generative AI- Upgrad

A comprehensive 10 months course on generative ai

Snowpro Core Certified

Snowpro core certification indicating expertise in Snowflake ecosystem

Snowflake data superhero 2024,2025

AWARDS



LTVP Award by our CEO

EDUCATION

Masters in Data Science & Engineering

Birla Institute of Technology And Science - Pilani

03/2021 - 02/2023

Bachelor of Engineering

Sathyabama University - Chennai

08/2011 - 07/2015