

Jothis Maria

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🏠 Daejeon, South Korea

ABOUT ME

I am an Indian Data Architect with 5 years of experience designing cloud-based solutions using AWS and Databricks Lakehouse platforms. Led key initiatives integrating SAP and Oracle systems, modeling sustainability data, and supporting ESG analytics for product-level carbon accounting. Skilled in aligning technical solutions with GHG Protocol and CSRD standards.

PROFESSIONAL EXPERIENCE

- Data Architect – ESG & Sustainability Projects
 - Town Contacts pvt ltd | June 2020 – Present
 - Designed and implemented data pipelines in Databricks on AWS to integrate sustainability data across MBOM (SAP), EBOM (Oracle), supplier-provided emissions, and factory systems.
 - Built scalable Lakehouse models supporting product-level carbon tracking and ESG reporting standards, including GHG Protocol scopes 1–3.
 - Collaborated with ESG analysts and data engineers to translate carbon footprint calculation logic into reusable and governed data models.
 - Contributed to data governance initiatives using Unity Catalog, including metadata management and data lineage tracking.
 - Key Technologies: Databricks, Delta Lake, Unity Catalog, AWS Glue, Athena, Lambda, SAP S/4HANA, Oracle Agile PLM, Python, SQL, PySpark
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CERTIFICATIONS

- Databricks Certified Data Engineer – Associate (2023)
- AWS Certified Solutions Architect – Associate (2024)
- PMP Certification – In Progress / Planned
- Cloud Solution Architecture Certification – In Progress / Planned

DATA ENGINEER – SUPPLY CHAIN & SUSTAINABILITY ANALYTICS

Toshiba Software, Bangalore | September 2018 – February 2019

- Developed skills in ingestion frameworks and models to integrate supply chain data into cloud-based data lakes.
 - Supported sustainability reporting projects by extracting and aligning factory operational data (energy, water, waste) with ESG KPIs.
 - Worked with cross-functional teams to optimize BOM and materials data flows between SAP ECC and Oracle EBOM systems.
 - Assisted in the creation of dashboards and data products for internal ESG performance tracking.
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CORE COMPETENCIES

- Cloud Data Architecture (AWS, Databricks)
 - ESG/Sustainability Data Modeling
 - SAP BOM & Oracle EBOM Integration
 - Delta Lake & Unity Catalog
 - Data Governance & Lineage
 - AWS Glue, S3, Athena, Lambda
 - Python, SQL, PySpark
 - Supply Chain & Manufacturing Data
 - Dimensional & Semantic Modeling
 - Carbon Accounting Concepts
 - Agile / Scrum Collaboration
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SKILLS

- Tools: Git, Terraform, Jira, Confluence, Tableau, Power BI
 - Soft Skills: Clear communicator, Team worker, adaptable, proactive problem-solver
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EDUCATION

Master's in Computer Application

Jyoti Nivas Autonomous College, India - Year 2020

PORTFOLIO

<https://jothis-maria.github.io/portfolio/>