SOUMYA DUTTA

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💼 PROFESSIONAL SUMMARY

Senior Data Architect with 12 years of experience in designing scalable data solutions, leading cross-functional teams, and driving innovation across banking, healthcare, insurance and retail sectors. Proven expertise in Data Product Creation, Data Contract, data quality, data governance and master data management. Expert at translating complex business requirements into actionable data strategies, enhancing operational efficiency and enabling data-driven decision-making. Recognized for leadership, stakeholder management, and delivering high-impact solutions aligned with enterprise goals. AI Foundation Enthusiast (RAG, MCP)

🛠 CORE COMPETENCIES

Leadership & Strategy

- Stakeholder Management & Executive Communication
- Team Leadership, Mentorship & Talent Development
- Strategic Roadmap Planning, Project Management, Delivery Management

Technical Expertise

- Data Architecture & Engineering, Data Product, Data Contract
- Master Data, Data Quality & Governance
- ETL, Data Integration & Migration

Tools & Platforms

- Cloud Fundamental: Databricks, AWS, Azure
- Data & Integration: Informatica (IDMC, Claire, PowerCenter, IDQ, MDM, PIM360, EDC, Axon), Power BI
- Methodologies: Agile, Git, Jira, RAG Principles, MCP

🧑‍💼 PROFESSIONAL EXPERIENCE

Novo Nordisk – Bangalore / Copenhagen
Senior Data Architect (Jun 2022 – Present)

- Developing end-to-end data product lifecycle playbook in collaboration with cross-functional teams which would increase efficiency of building data products by 40% and standardize the process.
- Working on building scalable data quality framework to support data pipelines in collaboration with domain technology functions which will increase the efficiency of pipelines by 40% and build a foundation for clean data to build AI eco-system by Q1 of 2026.
- Designed and implemented scalable enterprise-level data architecture for Integration to and from Master Data and Data Quality solution for P&O and supply chain domain which reduced analysis time by 80% hence increased efficiency in decision making for stakeholders and made data AI ready.
- Established best practices for data migration and quality assurance.

- Led a team of more than 10 members, mentored developers and analysts in team; received Spot Award for outstanding performance.

Wells Fargo – Bangalore
Assistant Vice President (Oct 2019 – Feb 2022)

- Delivered Ab Initio to IDQ conversion for 15 feeds in 6 months resulting in reduction of cost by 40% maintaining business continuity.

- Automated deployments using CI/CD tools. Supported production systems and led address standardization efforts resulting in increased efficiency by 50%.

Deloitte Consulting LLP – Hyderabad
Consultant (Jan 2016 – Oct 2019)

- Implemented data quality, product master and governance solutions using Informatica tools.

- Developed workflows and MDM golden records.

- Led ODI and MSBI administration for client projects.

Cognizant Technology Solutions – Kolkata
Programmer Analyst (Jan 2014 – Dec 2015)

- Built ETL and data quality solutions using Informatica IDQ and PowerCenter.

- Created cleansing and standardization rules for enterprise data.

🎓 EDUCATION

Indian Institute of Management, Calcutta
Advanced Program in Fintech & Financial Blockchain (2022) – *Excellent Grade*

Academy of Technology
Bachelor of Technology in Electronics & Instrumentation (2013)

St. Jude's High School
ISC (2009), ICSE (2007)

🏆 ACHIEVEMENTS

- Champion Award – Wells Fargo, Spot Award – Novo Nordisk, Project & Applause Awards – Deloitte

- YouTube Trainer – Informatica IDQ

- Capstone Project: Invoice Discounting via Blockchain – IIM Calcutta

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🎯 PERSONAL INTERESTS

Avid Learner
Love to play Chess, Badminton, Cricket
Art & Sketching
Passionate about Web 3.0, Blockchain Tokenomics, Financial Advisory, Investor