

Rishabh Agarwal

Summary

With over six years of experience combining data engineering and product leadership, Rishabh has engineered scalable analytics platforms and GenAI-driven solutions at global firms including McKinsey & Company, Fractal Analytics, and TCS. His core expertise lies in orchestrating complex cloud migrations, developing robust data pipelines, and aligning stakeholder roadmaps to optimize decision-making processes. He has successfully delivered critical initiatives across diverse sectors, specifically within sustainability, banking, and piracy analytics.

Qualification	Institute	Year
MBA (pursuing)	Indian Institute of Management, Ahmedabad (IIM-A)	2024-2026
M.Tech (Data Science & Engineering)	Birla Institute of Technology and Science, Pilani (BITS, Pilani)	2020-2022
B.E (Electronics & Telecommunications)	Pune Institute of Computer Technology, Pune (PICT, Pune)	2015-2019
XII, ISC	The Bishop's School, Pune	2015
X, ICSE	The Bishop's School, Pune	2013

Work Experience

(78 Months)

v4c.ai, Pune		(1 Month)
Senior Lead Data Engineer	December'25-Present	
- Lead the design and development (architecture and execution) of Data and AI solutions for clients across Banking, CPG, Healthcare etc. using Databricks tech stack (as a Databricks partner). - Mentoring junior colleagues in the craft and ensuring best practices are followed across the Firm.		
McKinsey & Company, Gurugram		(37 Months)
Data Engineer 2, Sustainability	November'22-December'25	
- Pipeline Migration & Optimization: Designed the migration of legacy R scripts and monolithic Python codebases to modular frameworks like DBT and Kedro, improving time-to-insight by 70% and enabling faster model execution. - GenAI Product Development: Spearheaded the design of LLM-powered tools for automated data mapping, reducing manual efforts on 100k+ records, cutting costs by 30%, and accelerating commercial turnaround. - Infrastructure Development: Designed and developed end-to-end ingestion pipelines and APIs to establish a sustainability data marketplace, enabling self-serve access to critical datasets. - Financial Modeling: Delivered pricing and demand scenario models over a 30-year horizon to aid investment and pricing decisions for a \$500M carbon markets fund.		
Fractal Analytics, Bengaluru		(14 Months)
Data Engineer, Piracy Analytics	September'21-November'22	
- ETL Strategy: Spearheaded the ETL implementation of pricing analytics pipelines using PySpark on AWS EMR to inform global piracy-to-license conversion strategies. - Product Refinement: Optimized internal compliance product codebases and logic based on user feedback, achieving 95%+ business accuracy and reliable adoption in client workflows.		
Tata Consultancy Services, Pune		(27 Months)
Systems Engineer (Data Engineer), BFSI	June'19-September'21	
- Agile Leadership: Collaborated and led an agile team of four to analyze source data and construct PySpark data pipelines, translating complex stakeholder requirements into actionable dashboard features. - Digital Transformation: Drove the transition from static Excel models to dynamic Tableau dashboards for Corporate & Institutional Banking, achieving adoption by over 950 Relationship Managers - Compliance Engineering: Developed robust data transformation pipelines spanning six years of daily data for an AML web portal used to monitor suspicious counterparty transactions.		

Awards, recognitions and certifications

- Connectivity Champion (McKinsey & Company):** Recognized for hosting team-building initiatives that boosted camaraderie, fostered an inclusive environment, and elevated firm culture.
- STAR Award: Quick on the Block (Fractal Analytics):** Awarded for making impactful contributions and driving business outcomes within the first week of joining the team.
- Best Team Award, On The Spot Award (TCS):** Honored for successful, consistent, and error-free project execution with on-time releases – individually and as a team.
- Databricks Certified Data Engineer Associate (Jan 2025)**

Interests / Extra-Curriculars

Mentorship & Training	Certified Mentor at The Mentoring Club and active data engineering community mentor; led PySpark training for 20+ freshers and judged teams at national hackathons
Board gaming	Love playing boardgames and exploring new ones, attended 25+ meetups and played over 40 different games (strategy, party, social deduction etc.)

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