

Madhusudan Bhaskar

Data Platform Leadership · Product & Strategy · Technical Architecture

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ABOUT ME

I'm a data platform leader with 15+ years building the data foundations that organisations depend on to make decisions, manage risk, and scale their capabilities. My background spans the full platform stack — ingestion, transformation, orchestration, governance, and analytics — and I've spent the last several years operating at the intersection of platform architecture and strategic product thinking.

At Commonwealth Bank I led platform strategy for a large-scale modernisation program explicitly designed to unlock data science and self-serve analytics. I co-defined the data product model and ran enablement programs to help business units adopt it. At Macquarie I owned end-to-end delivery of reusable data platforms — from problem definition through to production — across credit risk, market data, and compliance functions. I'm at my best in environments where data is treated as a product, where there's real technical ambition, and where the work has visible impact.

PLATFORM & TECHNICAL FLUENCY

Cloud Platforms: Snowflake · AWS · Databricks · Redshift · Iceberg · Azure

Data Processing: dbt · Spark · Kafka · Airflow · Glue

Analytics & BI: Power BI · Tableau · Semantic Layer design

Languages: SQL · Python

Governance: Metadata models · Data lineage · Access controls · Data contracts

Product & Delivery: Platform roadmaps · Operating model design · Stakeholder alignment · Agile

EXPERIENCE

Senior Manager – Enterprise Data Platforms · Commonwealth Bank of Australia · Mar 2025 – Present

Platform strategy and product leadership within a large-scale data modernisation program, with an explicit mandate to enable data science, ML, and self-serve analytics at enterprise scale.

- ▶ **across ingestion, transformation and consumption layers — making prioritisation calls that balanced engineering investment, team readiness, and the needs of data science consumers** Shaped the multi-year platform roadmap
- ▶ **of a modern cloud-native stack (Snowflake, Iceberg, dbt) chosen specifically to unlock self-serve and ML consumption patterns that the legacy Teradata estate could not support** Led architecture evaluation and selection
- ▶ **for the organisation — designing the operating model that governs how products are built, owned, published, and consumed across business units and analytics teams** Co-defined what a data product means
- ▶ **to help business units understand and adopt the data product model, translating complex platform capabilities into practical frameworks for non-technical stakeholders** Ran enablement programs
- ▶ **to ensure every platform decision was grounded in real consumption needs, not just infrastructure logic** Partnered with data science and engineering leadership
- ▶ **at enterprise design authority forums, ensuring new capabilities aligned to governance standards and long-term enterprise direction** Represented platform strategy

Senior Manager – Data & Solution Architect · Macquarie Group – Corporate Operations Group · Nov 2022 – Mar 2025

End-to-end ownership of data platform products supporting risk analytics, regulatory reporting, and compliance across multiple business divisions.

- ▶ **— a reusable internal data platform integrating batch (Spark) and streaming (Kafka) pipelines for credit risk. Owned it from problem definition to production, with defined user groups, use cases, and measurable reduction in data duplication across consuming teams** Conceived and delivered 'Data Junction'
- ▶ **for market data consolidation — rationalising multiple vendor feeds into a single governed, trusted source for analytics and risk teams** Owned the platform roadmap
- ▶ **of a Model Risk Management platform, balancing build-vs-buy trade-offs and managing delivery against regulatory timelines** Led vendor selection and delivery
- ▶ **of the divisional architecture forum — shaping platform decisions across the group, not just within individual programs** Acted as a voting member

- ▶ **designing target architecture to improve both operational reliability and team autonomy** Drove migration of legacy risk platforms to AWS,

Senior Manager – Non-Financial Risk Data & Analytics · [Macquarie Group – Risk Management Group](#)

· Mar 2020 – Nov 2022

Led the data function as 2IC to the Head of NFR Data, responsible for global reporting platforms, data quality, and capability uplift across compliance and risk.

- ▶ **from the ground up — consolidating data across jurisdictions into a governed environment used by executive and board-level stakeholders** Built the global NFR reporting platform
- ▶ **identifying and governing the 100 most business-critical data assets with clear ownership, quality standards, and remediation accountability** Ran the enterprise Critical Data Elements program,
- ▶ **that resolved a fragmented ownership landscape, giving teams a reliable, governed view of data they could act on with confidence** Designed a legal entity data platform
- ▶ **across multiple systems — materially reducing reporting errors and strengthening organisational confidence in data outputs** Improved data quality and lineage visibility

Manager – Management Consulting (Data & Analytics) · [KPMG Australia](#) · Mar 2017 – Mar 2020

Delivered data platform strategy and analytics uplift across banking, insurance, telco, and government clients.

- ▶ **identifying \$10M+ in optimisation opportunities through tooling rationalisation and process improvement** Led a platform assessment for a major insurer,
- ▶ **reducing issue resolution time by 18%** Redesigned operational metrics for a major Australian telco,
- ▶ **collapsing the reporting cycle from two days to same-day** Delivered an end-to-end reporting platform for a government agency,

Assistant Manager – Management Consulting · [KPMG India](#) · Sep 2013 – Feb 2017

Data specialist in the TMT practice, helping telcos improve operational performance through data-driven decision making.

Associate · [Cognizant Technology Services](#) · Jan 2010 – Sep 2013

Functional lead for Banking & Financial Services, delivering ETL development and operational support for US and UK bank clients.

CERTIFICATIONS

- AWS Certified Data Analytics – Specialty
- AWS Certified Solutions Architect – Associate
- AWS Certified Cloud Practitioner
- TOGAF Certified Enterprise Architect
- Professional Scrum Master I
- Microsoft Certified Solutions Associate – BI Reporting

Education: Bachelor of Engineering (Electronics & Communication) · JSS Academy of Technical Education · 2005–2009