

Sudath Attanayake

Melbourne, VIC, Australia | Open to Melbourne/Sydney hybrid roles

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Enterprise Data Architect | Data Platform & Analytics Leader

Professional Summary

Enterprise data and analytics leader with 15+ years of experience designing, modernizing, and operating large-scale data platforms across complex, regulated environments. Proven track record delivering cloud data architecture on Azure and Microsoft Fabric, leading enterprise data migration and integration programs, and enabling trusted analytics through Lakehouse and Medallion architectures. Strong stakeholder leadership across executives, architecture, engineering, and business teams, with deep expertise in data modelling, platform performance, governance, and scalable data operations.

Core Capabilities

- Enterprise Data Architecture (conceptual, logical, physical)
- Microsoft Fabric and Azure Data Platform
- Lakehouse and Medallion Architecture (Bronze/Silver/Gold)
- Enterprise Data Modelling and Data Warehousing
- Large-Scale Data Migration and Modernization
- Data Integration (ETL/ELT), APIs, and Pipeline Design
- Data Governance, Stewardship, Metadata, and Quality Controls
- Platform Security, Privacy, and Compliance Alignment
- Performance Optimization and Cost Management
- Executive Stakeholder Engagement and Team Mentoring

Professional Experience

Attekus, Melbourne, Australia (Hybrid)

Data Platform Lead | May 2025 - February

- Define and lead modern enterprise data architecture using Microsoft Fabric and Lakehouse patterns.
- Introduced Fabric Mirroring to simplify and scale ingestion from Azure SQL into analytics-ready layers.

- Established Medallion architecture standards to improve consistency, data quality, and reusability across domains.
- Partner closely with engineering and product leaders to align platform capabilities with business strategy.
- Drive platform performance and cost optimization across ingestion, transformation, and consumption layers.

Abano Healthcare Group, Melbourne, Australia (Hybrid)

Data and Analytics Architect | Nov 2022 - Apr 2025

- Architecture owner for enterprise analytics platform supporting 250+ data endpoints across multiple business domains.
- Designed and evolved conceptual/logical/physical data structures for Finance, Payroll, and Clinical analytics.
- Modernized legacy WhereScape RED warehouse into scalable cloud-aligned architecture and integration patterns.
- Led migration and simplification of critical data assets to improve operational efficiency and analytics trust.
- Worked with senior business stakeholders to prioritize delivery and establish scalable self-service reporting capability.

Abano Healthcare Group, Auckland, New Zealand

Senior DBA | Sep 2021 - Nov 2022

- Stabilized two enterprise data warehouses (Australian and New Zealand business models), improving performance and reducing operational costs.
- Partnered with business stakeholders to design and evaluate platform modernization toward a modern data analytics architecture.
- Led integration enhancements for D365 Finance and Operations (FinOps) and HR systems.

Whanau Tahi Limited, Auckland, New Zealand

Senior Database Administrator | Oct 2016 - Sep 2021

- Primary DBA for New Zealand's national e-Prescription platform (mission-critical, enterprise-scale environment).
- Led migration of 8 TB SQL Server from on-prem to Azure using replication with minimal downtime.
- Implemented partitioning and performance tuning strategies to improve scalability and reliability.
- Ensured strong controls for data reliability, security, and compliance in a regulated domain.

- Supported national-scale healthcare data platforms with focus on high availability, resilience, and quality.
- Contributed to data platform modernization and operational architecture improvements.
- Partnered with delivery teams to maintain consistent, secure, and compliant data services.

SimplHealth, Auckland, New Zealand

Senior DBA | Mar 2013 - Nov 2016

- Delivered database and integration support for complex healthcare data programs.
- Implemented data models, access controls, and privacy-aware data handling practices.
- Worked with streaming real-time e-Prescription data in HL7 format, persisting records into relational data structures, reporting layers, and Ministry of Health data extracts.
- Worked with HL7 and external integrations to support end-to-end data exchange requirements.

Whangarei District Council, Whangarei, New Zealand

Senior DBA | Sep 2007 - Mar 2013

- Supported enterprise reporting and data foundations during major council system implementations.
- Primary data engineer for the migration ecosystem that moved legacy Property and Rating data to the TechnologyOne platform.
- Designed migration pipelines, data models, and reporting datasets across finance, property, and asset domains.
- Led data quality testing, user acceptance testing (UAT), and live cutover activities for production go-live.
- Collaborated with SMEs and business stakeholders across Finance, Property/Rating, and Asset Management.

Northland District Health Board, New Zealand

DBA | 2003 - 2007

- Modernized legacy Microsoft Access backend applications to a SQL Server and .NET platform as a full-stack developer.
- Led change data migration planning and execution from legacy systems to the new platform.
- Played a lead role in packaging District Health Board applications for the Citrix environment as part of a major clinical application modernization initiative.

- Managed production live cutover activities to ensure continuity and adoption during transition.

Education

MSc, Engineering - Georgian Technical University (First Class with Honors) A/L (Double Maths, Physics, Chemistry) - Ananda College

Additional Information

- Location: Melbourne, VIC (open to Sydney)
- Work model: Hybrid / office-based roles
- Target role: Enterprise Data Architect
- Domains: Large-scale enterprise and regulated data environments