

Sudath Attanayake

Melbourne, VIC, Australia | Available for 5 days onsite roles

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Technical Lead - Data Engineering

Professional Summary

Data Platform Lead with 15+ years of experience delivering enterprise-scale Azure SQL, Microsoft Fabric, Azure Databricks (Spark), ADLS Gen2, Delta Lake, and ETL/ELT modernisation across Australia and New Zealand environments. Proven in hands-on technical leadership, translating architecture into delivery, and improving platform performance, reliability, security, supportability, and operational readiness in complex production settings.

Core Skills- Technical leadership, mentoring, engineering standards, design and code reviews

- Data platform architecture and delivery across Azure and Microsoft SQL Server
- ETL/ELT pipeline design, batch and streaming ingestion, CDC patterns, and data migration
- Azure Databricks, Spark engineering, ADLS Gen2, Delta Lake, Azure Data Factory (ADF), Event Hub
- NFR ownership: performance, availability, security, reliability, supportability
- Root cause analysis, production incident resolution, and sustainable fixes
- Data modelling for reporting and analytics, semantic models, and DAX
- DevOps delivery with Azure DevOps, CI/CD, release governance, operational readiness
- Data governance, metadata, lineage, and data quality controls
- Cost optimisation and efficient platform design across data and integration workloads

Technical Stack

- Cloud and Data Platforms: Microsoft Azure, Azure Databricks, ADLS Gen2, Delta Lake, Azure SQL, SQL Server, Azure Data Factory, Event Hub, Microsoft Fabric
- Data Engineering: SQL, Spark, Databricks notebooks, ETL/ELT, SSIS, CDC, integration architecture, data migration and cutover planning
- Analytics and BI: Power BI, DAX, semantic models, deployment pipelines

- Governance and Quality: Microsoft Purview, metadata and lineage controls, data quality frameworks
- Delivery and Operations: Azure DevOps, CI/CD, change management, testing and release governance

Professional Experience

Attekus, Melbourne, Australia (Hybrid)

Data Platform Lead | Apr 2025 - Feb 2026 - Provided hands-on technical leadership across data platform, integration, and reporting delivery. - Drove architecture and implementation decisions to improve solution quality, maintainability, and supportability. - Led data platform modernisation using Azure Databricks (Spark), ADLS Gen2, and Delta Lake patterns alongside Microsoft Fabric Medallion Architecture (Bronze, Silver, Gold). - Strengthened engineering standards, governance guardrails, and delivery practices across teams. - Improved BI engineering outcomes through DAX optimisation, semantic model uplift, and deployment pipeline enhancements. - Delivered measurable cost optimisation outcomes by right-sizing platform components, improving pipeline efficiency, and reducing unnecessary compute/storage spend while meeting delivery goals.

Abano Healthcare Group, Melbourne, Australia (Hybrid)

Data and Analytics Architect | Nov 2022 - Apr 2025 - Owned architecture for enterprise analytics and integration capability spanning 250+ endpoints. - Translated business and platform requirements into target-state data architecture and delivery roadmap. - Designed and guided data platform modernisation from legacy warehouses to Azure-based lakehouse patterns using Azure Databricks, Spark, ADLS Gen2, and Delta Lake to improve scalability and analytics readiness. - Led integration and data solution planning across finance, payroll, and clinical-adjacent platforms. - Established modelling and BI standards to improve quality, consistency, and maintainability. - Improved ETL/ELT design patterns using SQL and Azure data services in ADF/SSIS-aligned delivery contexts, delivering cost optimisation through workload tuning, rationalisation, and more efficient data processing patterns.

Abano Healthcare Group, Auckland, New Zealand

Senior DBA | Sep 2021 - Nov 2022 - Improved SQL Server platform health, resilience, and capacity planning for business-critical data services. - Acted as senior technical escalation point for complex data platform and integration issues. - Supported consolidation and modernisation initiatives across ANZ enterprise environments. - Contributed to integration-heavy initiatives including Dynamics 365 Finance and Operations contexts.

Whanau Tahi Limited, Auckland, New Zealand

Senior Database Administrator | Oct 2016 - Sep 2021 - Led data platform operations for New Zealand's national e-Prescription platform in a mission-critical environment. -

Delivered 8 TB SQL Server to Azure migration with staged governance, controlled cutover, and minimal downtime. - Improved security posture, operational supportability, and platform performance through hardening and tuning. - Supported enterprise implementation and migration workstreams requiring high reliability and change discipline.

SimplHealth, Auckland, New Zealand

Senior DBA | Mar 2013 - Nov 2016 - Delivered integration and reporting data services for healthcare operations and ministry-aligned requirements. - Built reporting pipelines and business logic to improve operational decision support. - Supported production troubleshooting and service stabilisation in high-availability environments.

Whangarei District Council, Whangarei, New Zealand

Senior DBA | Sep 2007 - Mar 2013 - Delivered data migration and integration activities across enterprise transformation programs. - Supported release governance, UAT, and cutover planning across multiple business systems.

Northland District Health Board, New Zealand

DBA | 2003 - 2007 - Modernised legacy Microsoft Access systems into SQL Server and .NET-aligned platforms. - Supported clinical data migration and go-live activities in regulated environments.

Education

- MSc in Computer Science (First Class Honors)
- A/L (Double Maths, Physics, Chemistry) - Ananda College