

Sudath Attanayake

Melbourne, VIC, Australia | Open to Melbourne/Sydney hybrid roles LinkedIn:
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Technical Lead - Data Engineering | Azure Data Platform | SQL Server | Data Integration

Professional Summary

Hands-on data engineering leader with 15+ years of experience designing, building, operating, and continuously improving enterprise data platforms in complex, regulated environments. Strong background in Microsoft SQL Server, Azure data platforms, Python, SQL, Spark/Delta engineering, and scalable batch/streaming data pipeline delivery. Proven ability to lead engineers day-to-day, translate business requirements and architecture into robust technical solutions, and own non-functional outcomes across performance, reliability, security, and supportability. Brings a coaching mindset, strong DevOps discipline, and practical focus on delivery quality, cost efficiency, and operational excellence.

Core Skills

- Hands-on technical leadership and day-to-day guidance for data engineering teams
- Translation of business requirements and solution architecture into high-quality technical designs
- End-to-end solution lifecycle ownership: design, development, testing, deployment, and production support
- NFR ownership: performance, availability, security, reliability, and supportability
- Engineering standards, code quality, design reviews, and maintainability
- CI/CD, DevOps, infrastructure as code, and automated testing adoption
- Root cause analysis, incident management, and sustainable remediation of production data issues
- Cost-aware engineering, cloud resource optimization, and financial efficiency
- Pragmatic data modelling aligned to reporting and analytics outcomes
- Non-production environment strategy: automated refresh, validation, and data quality checks
- Cross-team collaboration across application, platform, integration, and business stakeholders
- Coaching and mentoring across varying engineer experience levels

Technical Skills

- Languages: Python, SQL, T-SQL, PySpark
- Data Engineering: ETL/ELT, batch and streaming pipelines, event-based ingestion, CDC patterns, Spark engineering
- Platform and Tooling: Azure Data Factory (ADF), Microsoft Fabric, Azure SQL, SQL Server, Event Hub
- Lakehouse and Storage: Delta Lake, ADLS Gen2 patterns, medallion architecture, data modelling, data warehousing
- Databricks and Spark: Spark transformations, notebook-based development patterns, performance tuning, production support
- Azure Fundamentals: identity and access management, security controls, networking awareness, resource management, cost optimisation
- Governance and Security: Microsoft Purview, metadata, lineage, data quality controls, RBAC, masking, encryption
- DevOps and Delivery: Azure DevOps, GitHub, CI/CD pipelines, Terraform (IaC), automated testing
- ML and Advanced Analytics: exposure to MLOps and ML engineering enablement on Azure data platforms

Professional Experience

Attekus, Melbourne, Australia (Hybrid)

Data Platform Lead | Apr 2025 - Feb 2026

- Provided hands-on technical leadership and day-to-day guidance to engineers across platform and integration delivery.
- Led design, development, testing, and deployment of Azure-based data solutions and SQL Server-integrated workloads.
- Owned solution integrity across performance, reliability, supportability, and operational readiness.
- Improved engineering discipline through standards, code/design reviews, documentation, and change control practices.
- Drove CI/CD and automation improvements to increase delivery consistency, quality, and release confidence.

Abano Healthcare Group, Melbourne, Australia (Hybrid)

Data and Analytics Architect | Nov 2022 - Apr 2025

- Served as architecture owner for enterprise analytics capability supporting 250+ data endpoints.

- Translated business requirements into implementable technical designs for robust ADF pipelines and integration services.
- Delivered scalable batch and near real-time ingestion patterns using Azure-native, event-driven approaches.
- Partnered with stakeholders across technology and business teams to deliver end-to-end data and reporting outcomes.
- Strengthened governance, security, and quality controls aligned to regulated operating requirements.

Abano Healthcare Group, Auckland, New Zealand

Senior DBA | Sep 2021 - Nov 2022

- Stabilised enterprise data warehouse operations across Australia and New Zealand, improving reliability and reducing cost.
- Acted as technical escalation point for complex incidents, production support issues, and performance bottlenecks.
- Performed root cause analysis and implemented sustainable fixes to improve service continuity and supportability.

Whanau Tahi Limited, Auckland, New Zealand

Senior Database Administrator | Oct 2016 - Sep 2021

- Primary DBA for New Zealand's national e-Prescription platform in a mission-critical healthcare environment.
- Led 8 TB SQL Server to Azure migration with minimal downtime and robust cutover governance.
- Improved scalability, security posture, and compliance through hardening, partitioning, and performance optimization.

SimplHealth, Auckland, New Zealand

Senior DBA | Mar 2013 - Nov 2016

- Delivered healthcare data integration solutions, including HL7 real-time e-Prescription pipelines.
- Built reliable reporting and extract processes for operational and Ministry of Health requirements.

Whangarei District Council, Whangarei, New Zealand

Senior DBA | Sep 2007 - Mar 2013

- Delivered migration pipelines from legacy systems to TechnologyOne with strong data quality assurance.

- Led UAT, production cutover planning, and risk-managed release activities.

Northland District Health Board, New Zealand

DBA | 2003 - 2007

- Modernised legacy Microsoft Access systems to SQL Server and .NET platform solutions.
- Supported clinical data migration and go-live activities in regulated healthcare environments.

Education

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