

# Jakub Blair

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## SUMMARY

Lead data engineering and platform architecture professional with 8 years of experience building enterprise data ecosystems across hosted, **on premises**, and cloud environments. Hands on work spans SQL development, database administration, ETL, operational data stores, warehouses, marts, semantic models, APIs, Microsoft Fabric, Microsoft SQL Server, Oracle Database, **Microsoft Data Factory**, and Power BI. Led platform migrations, governed data products, testing programs, vendor integrations, and production support for reporting, business intelligence, predictive analytics, **student success tools**, prospect models, and approved **AI use cases**. Partner effectively with ERP, Salesforce, analytics, technology, and business teams, translating requirements into secure, maintainable solutions. Clear documentation, practical troubleshooting, and collaborative architecture decisions support reliable data services and confident leadership decisions.

## EXPERIENCE

### Lead Data Platform Engineer, Enterprise Analytics

July 2023 - Present

Meridian Civic Services

Columbus, OH

Own architecture, modernization, and support for **Microsoft Fabric** analytics services integrating ERP, CRM, finance, and service data. Guide vendors, database specialists, Salesforce partners, analysts, and business leaders through governed delivery, testing, incidents, and production change.

- Architected Fabric lakehouse, warehouse, and semantic layers for governed ERP and CRM analytics delivery.
- Migrated **SQL Server** objects and pipelines into Fabric through dependency sequencing and reconciliation testing.
- Created reusable SQL marts and **Power BI** models, giving leaders consistent measures for recurring **reporting**.
- Established lineage, access, validation, naming, and release controls for **predictive analytics** and approved AI products.
- Replaced brittle file transfers with monitored API and Data Factory workflows for vendor data exchanges.
- Coordinated ERP, **Salesforce**, vendors, and analysts during releases, incidents, and after hours support.

### Senior Data Engineer, Reporting Platforms

March 2021 - June 2023

Lakeview Mutual Services

Cleveland, OH

Led enterprise reporting engineering across SQL Server, Oracle Database, cloud sources, operational data stores, warehouses, and Power BI. Shaped integration patterns, quality controls, vendor exports, prototypes, and support practices with application owners and architecture leaders.

- Unified SQL Server, **Oracle Database**, and cloud sources through traceable **ETL** pipelines for reporting.
- Redesigned **operational data store** and warehouse structures, aligning source records with **Power BI** marts.
- Built SQL procedures, views, dimensional models, and quality checks that prevented reconciliation defects.
- Orchestrated **Microsoft Data Factory** ingestion with dependency monitoring and restart procedures for support engineers.
- Defined API integrations and secure vendor exports with documented mappings, validation rules, and ownership.
- Prototyped cloud data capabilities and presented migration tradeoffs to architecture leadership.

### Data Engineer, Warehouse Operations

August 2019 - February 2021

Granite Ridge Logistics

Dayton, OH

Developed and supported SQL Server warehouse pipelines, dimensional marts, **Power BI** structures, test databases, partner extracts, and scheduled maintenance. Improved release confidence through documented staging, validation, exception handling, and production troubleshooting.

- Consolidated transportation, billing, and customer data into **SQL Server** marts for finance **reporting**.
- Reworked ETL staging and exception handling, making failed loads easier to diagnose and recover.
- Standardized shipment, revenue, and service measures through Power BI ready views and semantic structures.
- Validated schema releases in test databases through row count reconciliation and business rule checks.
- Built secure partner extracts with repeatable SQL, delivery schedules, ownership, and **troubleshooting** documentation.
- Resolved after hours database incidents through root cause analysis of performance and **data quality** issues.

### Database Analyst, Client Data Services

June 2018 - July 2019

Harborstone Analytics

Cincinnati, OH

Administered SQL Server databases supporting client analytics workloads, reporting datasets, ETL validation, release testing, documentation, and time sensitive support. Partnered with analysts, application owners, and data stewards to restore reliable information delivery.

- Monitored **SQL Server** jobs, storage, access, and query behavior across client analytics workloads.
- Created SQL queries, views, and procedures that converted operational records into validated reporting datasets.
- Reconciled ETL loads against source records, documenting exceptions for application and data owners.
- Wrote repeatable release tests that verified schema behavior and **reporting** outputs before deployment.
- Documented data flows, database objects, support procedures, and vendor exports for team knowledge transfer.

- Investigated failed jobs through logs, SQL diagnostics, and controlled comparisons, restoring time sensitive reports.

## PROJECTS

### Fabric Data Platform Modernization 📅 2025

Migrated warehouse objects and scheduled pipelines into Microsoft Fabric. Sequenced dependencies, tested reconciliations, and preserved reporting continuity through production cutover.

### Governed Analytics Data Products 📅 2024

Defined lineage, access, validation, naming, and release standards for trusted data products supporting dashboards, predictive analytics, and approved AI use cases.

### API Vendor Exchange Program 📅 2023

Created monitored API and Microsoft Data Factory patterns for secure vendor exchanges, replacing brittle file transfers with documented operational workflows.

## LEADERSHIP & AWARDS

- Microsoft Fabric platform leadership recognized by technology and business partners for dependable migration delivery in 2025.
- Selected as a trusted architecture resource for cross team SQL, reporting, and data quality decisions in 2024.
- Earned internal recognition for clear documentation and calm production support during critical data releases in 2022.

## EDUCATION

### Bachelor's Degree in Computer Science

2018

University of Toledo GPA: 3.5

Toledo, OH

*Coursework: Database systems, software engineering, data structures, operating systems*

## CERTIFICATIONS

- Microsoft Certified: Fabric Analytics Engineer Associate 📅 2025
- Microsoft Certified: Power BI Data Analyst Associate 📅 2023

## TECHNICAL SKILLS

- **Microsoft Data Platforms:** Microsoft Fabric, Microsoft SQL Server, Microsoft Data Factory
- **Database Systems:** SQL Server, Oracle Database, database administration
- **Analytics and Reporting:** Power BI, business intelligence, executive dashboards
- **Data Architecture:** Enterprise data architecture, semantic models, data marts
- **ETL Engineering:** ETL pipelines, staging, transformations
- **Warehouse Design:** Data warehouses, operational data stores, dimensional models
- **Integration Technologies:** APIs, vendor integrations, secure data exports
- **Data Governance:** Data lineage, access controls, release controls
- **Data Quality:** Validation rules, reconciliation testing, data integrity
- **Cloud Modernization:** Cloud migration, hosted platforms, on premises platforms
- **Testing and Release:** Test environments, release validation, regression testing
- **Enterprise Applications:** ERP data, Salesforce data, finance systems
- **Automation and Operations:** Workflow automation, job monitoring, restart procedures
- **Support and Troubleshooting:** Root cause analysis, incident response, production support
- **Documentation Practices:** Technical documentation, data mappings, workflow documentation

## SKILLS

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|---------------------|--------------------------|-------------------|---------------------------|
| • SQL development   | • Microsoft Fabric       | • Oracle Database | • Cloud migration         |
| • Data architecture | • Power BI               | • API integration | • Troubleshooting         |
| • ETL               | • Microsoft Data Factory | • Data governance | • Technical documentation |
| • Data warehousing  | • SQL Server             | • Data quality    |                           |

## PROFESSIONAL AFFILIATIONS

- Data management and analytics community participant, sharing practical SQL, governance, and platform support practices.
- Professional technology network contributor, connecting database, ERP, Salesforce, and reporting specialists around reliable data delivery.

## LANGUAGES

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- English (Native)
- Spanish (Intermediate)

## ADDITIONAL INFORMATION

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**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

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AVAILABLE ON REQUEST