

MODIFIED
2026-05-06
Daiki Mawatari

Data Engineering Manager & MLOps Engineer

[Website](#) | [LinkedIn](#) | [GitHub](#)

Resume: Japanese ([Website](#), [PDF](#)) | English ([Website](#), [PDF](#))

1. Professional Summary

Data platform and MLOps engineer with 10+ years of software engineering experience, including 4+ years in data engineering and machine-learning operations. Currently Data Engineering Team Manager at GENDA, leading cross-company data utilization through Databricks, dbt, Snowflake, AWS, dashboard and data-mart delivery, stakeholder coordination, and team management. Strong in building reliable data platforms and ML deployment workflows, connecting business priorities to maintainable analytics systems, and leading delivery across engineering and business stakeholders. Building toward broader data leadership across analytics platforms, MLOps, and business-facing data strategy.

2. Core Skills

- Data platforms: Databricks, Snowflake, BigQuery, dbt Core, dbt Cloud, Airflow / MWA
- Cloud and infrastructure: AWS, Google Cloud, Terraform, GitHub Actions, Docker
- MLOps and AI enablement: CI/CD, Ruff, mise, DataRobot, Snowpark ML, Databricks notebooks, MCP tooling
- Programming: Python, SQL, Shell Script, C, C++
- Leadership: team management, code review, hiring, stakeholder alignment, documentation

3. Professional Experience

3.1. GENDA Inc. | Data Engineer / MLOps Engineer; Data Engineering Team Manager

Nov 2024 - Present | Full-time

- Lead data utilization work for group companies, connecting stakeholder requirements with Databricks, dbt, Snowflake, data marts, and dashboard delivery.
- Became Data Engineering Team Manager in 2026/04; manage progress, code reviews, 1:1s, hiring activity, and technical handoff practices.
- For karaoke business data utilization, organized 9 management and sales reports, 13 ingestion DAGs, and 37 dashboards into a roadmap with dependencies and migration priorities.
- Reduced shop-analysis report generation from roughly 1-2 days to about 20 minutes by improving the generation process.
- Improved MLOps by introducing CI/CD, Ruff, mise, review-backed deployment, and Databricks-based scoring migration where appropriate.
- Improved AI-ready notebook and development workflows, including Databricks notebook tooling and MCP-based developer support.

3.2. PIVOT Inc. | Freelance Data Engineer

Jun 2025 - Present | Contract

- Build and optimize BigQuery and dbt models for KPI reporting, referral analytics, GA4 / ULIZA tracking, and model performance.
- Reworked OOM-prone window-function-heavy logic into a JOIN-based design and reduced a major model runtime from 51-90 minutes to a few minutes.
- Implemented incremental all-period user tracking with GA4 identity resolution from anonymous visit through login.
- Improved BigQuery MERGE efficiency through stable merge keys, partitioning, and clustering.

3.3. hacomono Inc. | Data Engineer

Apr 2024 - Oct 2024 | Full-time

- Served as solo data engineer owning customer and internal DWH transfer operations, infrastructure / IaC changes, and delivery support across BigQuery, Embulk, AWS, Google Cloud, Terraform, and Terragrunt.
- Improved batch transfer stability using RDS metrics, transfer logs, and Embulk tuning.
- Moved BigQuery permissions from manual grants toward Terraform-managed dataset-level access control.
- Validated RDS MySQL to BigQuery real-time transfer with Google Cloud Datastream and documented failure / recovery behavior.

3.4. CNS HOKKAIDO Co., Ltd. | Data Engineer / MLOps Engineer

Apr 2022 - Mar 2024 | Full-time

- Migrated 50 customer-behavior prediction workflows from on-premises infrastructure to AWS, Snowflake, and DataRobot.
- Led dbt Core migration from Snowflake Python API and Jupyter Notebook workflows to improve dependency visibility, readability, and maintainability.
- Investigated migration from DataRobot to Snowpark ML for cost, performance, and security; led a small validation team.
- Improved parallel execution for Bayesian retail customer-count prediction across roughly 200 stores, completing processing in about 2 days against a 4-day requirement.

3.5. Shinko Shoji LSI Design Center Co., Ltd. | Embedded Software Engineer

Aug 2018 - Mar 2022 | Full-time

- Developed automotive and industrial embedded firmware for traction-control updates, sprayer inverter control, and operation controllers across requirements, design, implementation, and testing.
- Worked with C / assembler, Renesas and GHS embedded toolchains, RH850 / RL78 microcontrollers, QAC, and winAMS.
- Automated formatting for 30+ test specification documents across 5 engineers; used Python for customer-facing analysis materials and delivered CAN communication lectures.

3.6. Okuma Corporation | Windows Application Engineer

Apr 2016 - Jul 2018 | Full-time

- Worked on Windows CAD / CAM applications for CNC machine tools, including UI requirements, testing, user inquiries, defect handling, and performance tuning.
- Built a foundation in quality assurance, domain understanding, and user-facing software maintenance.

4. Education

- Bachelor of Science in Mathematics, Hokkaido University

5. Certifications

- Apr 2023: Japan Statistical Society Certificate Grade 2
- Mar 2015: TOEIC 805

6. Speaking and Writing

6.1. Talks

- January 26, 2026: [Operational Tips for Distributing Coding Agents with Mosaic AI Gateway](#)
- December 23, 2025: [Databricks Permission Management for Enabling Data Use at GENDA as M&A Expands](#)
- December 12, 2025: [Making Data Scientists' Development Environments AI-Ready with a Jupyter Kernel for Databricks](#)
- November 7, 2025: [Migrating GENDA's Machine Learning Environment from AWS to Databricks](#)
- May 22, 2025: [Recommended Cursor Settings and How to Let Cursor Handle Data Analysis](#)

6.2. Writing

- March 24, 2026: [Before and After Introducing Databricks to GENDA's Data Platform](#)
- October 31, 2025: [Designing dbt Incremental Models to Promote Data Analysis: Lower-Cost All-Period Tracking](#)
- September 1, 2025: [Improving GENDA's Data Scientist Development Experience: Migrating from AWS ECS to Databricks](#)
- June 25, 2025: [Becoming a Hub for Growth: Data Platforms and MLOps that Accelerate GENDA's Data-Driven Organization](#)
- October 8, 2024: [Data Platform Architecture Feature Covering 39 Companies: Tool Selection Points and Use Cases](#)
- August 21, 2024: [hacomonono BigQuery Adoption Case Study](#)
- July 2, 2024: [Data Transfer Challenges and Future Plans in hacomonono's Data Platform](#)

6.3. Awards

- 2026: JEDAI Order 2026 Knight, Databricks Japan User Community
 - [JEDAI Order 2026 Award Recipients | Databricks User Groups](#)
 - [GENDA Data Management Department Manager Daiki Mawatari Selected for JEDAI Order 2026](#)

