



Eddie Beloiu

Freelance Data Platform Engineer

Munich, Germany

info@mbitai.com

linkedin.com/in/mbitai

mbitai.com

PROFILE

Data platform engineer with 3+ years of production data engineering, 10+ years of full-stack software development, and 5 years teaching in four countries. Specialises in lakehouses, ETL/ELT pipelines, and AI-augmented engineering for mid-market companies in the DACH region. Every engagement includes documentation and team handover.

KEY FACTS

LOCATION

Munich, Germany

AVAILABILITY

Taking bookings for 2026

LANGUAGES

English (native) · German (fluent)

SKILLS

Data Platforms

Azure Databricks, Snowflake, Delta Lake, Microsoft Fabric, Azure Cloud

Data Engineering

Apache Airflow, Azure ADF, dbt, dlt, PySpark, ETL/ELT, Data Vault 2.0

AI & ML

RAG, LangChain, LangGraph, LlamaIndex, MLflow, PyMC3, Hugging Face, Scikit-learn

Programming

Python, SQL, TypeScript, Java, FastAPI, Node.js, SAS, Oracle SQL

DevOps & Tools

Docker, Kubernetes, Git, CI/CD, Azure DevOps, Terraform, Jira

Compliance & Governance

GDPR, Data Governance, Audit Trails, Data Quality

EXPERIENCE

Freelance Data Platform Engineer

May 2025 – present

Self-employed · Munich

Independent consulting on data platforms, MLOps, and AI-augmented engineering for DACH-region clients.

- Cloud platform consulting and MLOps infrastructure for AI applications
- Agentic workflows with LangChain/LangGraph; AI model evaluation with Pydantic and MLflow
- Lakehouse architecture and data quality implementation on Azure Databricks
- dbt ETL pipeline development and Python automation
- Azure DevOps CI/CD and Terraform IaC; SAP S/4HANA migration support

Data Engineer

Nov 2024 – Apr 2025

Trevisto AG · Nuremberg

End-to-end data platform engineering at a mid-sized technology company.

- Architected end-to-end data platform (Snowflake, Python)
- Data Vault 2.0 modelling for the analytics layer
- Data governance processes and quality rules across ingestion and integration pipelines
- Microsoft Fabric Data Warehouse prototype for finance and controlling
- Fabric Retrieval System with REST API, change tracking, and alerting
- SAS and Oracle SQL for legacy data integration and reporting

Data Engineer

Jun 2022 – Oct 2024

DeutschlandCard & Territory (Bertelsmann) · Munich

Data platform and BI engineering across marketing analytics, lakehouse architecture, and ML deployment.

- Delta Lake lakehouse (Azure Databricks) for 23M+ records — medallion architecture with PySpark quality checks
- Bayesian ML model (PyMC3) on Azure ML Studio with full CI/CD; 8% deviation from actual ROAS in A/B tests
- FastAPI REST API; Power BI semantic models and DAX for marketing performance reporting
- GenAI NLP tools: sentiment analysis (Hugging Face) and text summarisation (BART)
- SAS-driven analytics and Oracle SQL for enterprise data warehouse integrations
- Monthly Python training sessions for 8 team members

CERTIFICATIONS

dlt ELT Advanced Specialist
dltHub · Aug 2025

dlt ELT Specialist
dltHub · Aug 2025

Master of ELT Best Practices
dltHub · Jun 2025

Data Vault 2.0
Data Vault Institute · Nov 2024

Hands-On Essentials: Data Warehousing
Snowflake · Sep 2024

dbt Fundamentals
dbt Labs · Aug 2024

Databricks Lakehouse Fundamentals
Databricks · Jan 2022

Linux Administration
CompTIA · Jan 2022

Python Certification
Python Institute · Aug 2019

EXPERIENCE (CONTINUED)

Sales Data Analyst Intern Mar 2022 – Jun 2022
Tradelink GmbH (TL Digital Solutions) · Munich

- Python-based tools for data analysis and automation
- Lead generation via automated and manual web scraping
- CRM (HubSpot) workflow and tracking dashboard setup

Full Stack Software Engineer 2012 – 2021
Clear Earth · USA

Full stack development across web applications, databases, and DevOps infrastructure — 9 years.

- Full stack: Java, Angular, React, Spring Boot, Node.js, TypeScript
- Databases: PostgreSQL, MySQL, REST APIs
- DevOps: Docker, Kubernetes, CI/CD pipelines, Git

EDUCATION

Bachelor of Science in Computer Science (incomplete)
Oregon State University
2020 – incomplete

Bachelor of Science in Natural Sciences
Texas A&M University
2008 – 2012