

Davide Michelon

Trento - Italy | davidemichelon10@gmail.com | linkedin.com/in/davide-m-718884149

About Me

I am a Data Engineer and Data Scientist who loves digging into data and building cool stuff with it. I have hands-on experience designing and developing data pipelines and AI-driven solutions. I have tackled ML and AI projects using tools like OpenSearch, Django, BigQuery, Pytorch and Airflow.

Experience

ML/AI Engineer, Zupit – Trento, IT (Remote) Oct 2025 – Now

- Trained and deployed ML models in production, with a primary focus on computer vision applications.
- Developed a Python (Django) backend and PostgreSQL database for a computer vision-based web application.
- Designed and developed AI-driven software solutions using Python and large language models (LLMs), from architecture to production.

Data Engineer & Scientist, DocPlanner – Bologna, IT (Remote) Jan 2024 – Sep 2025

- Designed, and implemented ETL workflows and data pipelines in Airflow for data processing and analytics
- Explored GCP services including Google Cloud Storage, BigQuery (SQL-based analytics), and Dataflow
- Worked on data-driven AI projects involving AI agents, LLMs (OpenAI API), and string matching using embeddings and Machine Learning algorithms, with data stored in OpenSearch

Data Scientist, Math&Sport – Milano, IT (Remote) Jun 2023 – Nov 2023

- Developed an interactive player performance analysis tool for elite football teams using AI and Python
- Implemented Graph Neural Networks (GNNs) with PyTorch for analyzing passing patterns in football
- Conducted data-driven analysis on football event data, applying ML techniques and SQL for feature engineering

Salesforce Developer, Deloitte Digital – Milan, IT (Remote) Sep 2020 – May 2021

- Designed and implemented business-driven solutions in Salesforce
- Maintained client communication using a design-driven approach to tailor business solutions

Full Stack Developer, Nipe Service – Malè, IT Aug 2018 – Jan 2020

- Developed a data-driven Android mobile application with NodeJS and MySQL

Education

University of Trento – Master's in Artificial Intelligence Systems Sep 2021 – Mar 2024

- Degree achieved: 110/110 cum laude
- Thesis: *Graph Neural Networks For Receiver Prediction in Football Passing* (awarded highest grade)
- Exchange Student at University Kuala Lumpur (UNIKL) and Aalto University, Helsinki

University of Trento – Bachelor's in Computer and business organization engineering Sep 2017 – Jul 2020

Technologies

Data & Databases: MySQL, BigQuery, OpenSearch, Firebase

Programming Languages: Python, Java, JavaScript (NodeJS)

Machine Learning & AI: PyTorch, scikit-learn, Pandas, NumPy, OpenAI API

Cloud & Data Engineering: Google Cloud Platform (BigQuery, Dataflow, GCS), Apache Airflow, Docker

Software Development & Tools: Git, Salesforce, ETL workflows, Data Pipelines, Design Patterns