

Gianfranco Demarco

Data & AI Engineer

About Me

Data & AI Engineer with a diverse background. I hold a Master's Degree in Artificial Intelligence.

When not working or studying, I enjoy reading (mostly manga), playing video and board games, and spending time with friends.

Contact

- Location: Bari, Italy
- Email: gianfrademarco@gmail.com
- Website: gianfrancodemarco.dev
- LinkedIn: [LinkedIn](#)
- GitHub: github.com/gianfrancodemarco

Skills

- Python, SQL, dbt, Dagster, ETL/ELT
- Docker, Git, Kubernetes, Airflow, MLFlow, DVC
- AWS, Elasticsearch, Logstash, Kibana
- JavaScript, LLMs, Machine Learning

Languages

- Italian - Native
- English - Professional

Employment History

Data & AI Engineer – Fitprime (Remote)

May 2024 – Present

- Defined company data strategy and architecture reporting to CTO.
- Designed and maintained data warehouse and pipelines using Dagster, dbt, Sling.
- Built production infrastructure with Docker, AWS ECS, and IaC.
- Set up CI/CD pipelines using GitHub Actions.

Data Engineer – hipy (Remote)

June 2022 – April 2024

- Designed data pipelines and backend systems with Python and PostgreSQL.
- Built workflow automation with Airflow and analytics via the Elastic stack.

Software Engineer – Go Reply (Remote)

Oct 2021 – June 2022

- Worked in cloud environment with CKAN extensions using Python and SQL.
- Managed SQL databases and containerized apps with Docker.

Previous Experiences

Sept 2019 – Oct 2021

More info available on my [CV page](#).

Education

Master's Degree in Computer Science – AI

April 2024

Grade: 110/110 with honors

Thesis: Designing modern chatbots with LLMs and LangChain

Bachelor's Degree in Computer Science

July 2021

Grade: 105/110

Thesis: Cryptocurrency market analysis via Twitter Sentiment

High School Diploma – Computer Science

July 2018

Grade: 100/100