

Silvio Baratto Roldan

Full-Stack AI Developer

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- Italian (Native)
- English (Professional)
- Spanish (Native)

Professional Summary

Full-Stack AI Developer specializing in end-to-end AI-powered systems, with expertise in RAG architectures, NLP applications, and production deployment on Azure. Proven track record of delivering containerized solutions for legal tech, financial services, and enterprise AI systems.

Technical Skills

- Python
- React
- Angular
- FastAPI
- Flask
- LlamaIndex
- BAML
- Docker
- Azure
- Ollama
- Tailwind CSS
- ML/NLP
- RAG Systems

Professional Experience

Full-Stack AI Developer

November 2024 - Present

EY - AI & Data, Trieste, Italy

- Designed and developed RAG system for private knowledge base using React, Flask, LlamaIndex, and MinerU
- Built legal document classification and summarization platform with Angular, FastAPI, and BAML
- Implemented dockerized anonymization system for Italian legal documents using lightweight 3B models (Ollama)
- Developed interactive demos and mockups using Angular and Tailwind CSS
- Deployed all solutions on Azure App Service with full containerization

Data Scientist

March 2024 - November 2024

European Central Bank, Frankfurt am Main, Germany

- Implemented LLM solutions for naming convention standardization in financial datasets, improving data quality and compliance
- Developed sentiment analysis tool for survey data processing and metadata management
- Created Python library for generating logical transformation rules for FinREP regulatory reporting

Data Scientist

November 2023 - February 2024

Generali Investments, Trieste, Italy

- Contributed to portfolio optimization web application using Python, Streamlit, and Flask

Logistics Automation Specialist

March 2021 - September 2021

EssilorLuxottica, Agordo, Italy

- Managed implementation of AGV logistics projects at Agordo and Sedico sites with daily KPI analysis
- Applied machine learning techniques (Random Forest, Naive Bayes) for predictive maintenance

Education

Master of Science - Data Science & Scientific Computing

2021 - 2023

University of Trieste

Curriculum: Artificial Intelligence and Machine Learning

Erasmus+ Scholarship - Mathematics and Computer Science

2022 - 2023

Autonomous University of Madrid

Bachelor of Engineering - Electronic and Computer Engineering

2016 - 2020

University of Trieste