

SILVIO BARATTO ROLDAN

FULL-STACK AI DEVELOPER

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ITALIAN [NATIVE]

ENGLISH [PROFESSIONAL]

SPANISH [NATIVE]

SUMMARY

Full-Stack AI Developer with expertise in RAG architectures, NLP applications, and production deployment on Azure. Experienced in building scalable applications with modern frontend frameworks and Python backends.

TECHNICAL SKILLS

PYTHON

REACT

ANGULAR

FASTAPI

FLASK

LLAMAINDEX

BAML

DOCKER

AZURE

OLLAMA

TAILWIND CSS

MACHINE LEARNING

NLP

RAG SYSTEMS

PROFESSIONAL EXPERIENCE

CURRENT

Nov 2024 - Present

FULL-STACK AI DEVELOPER

EY · FULL-TIME · TRIESTE, ITALY · HYBRID

- Developed and deployed AI meeting assistant with topic extraction, clustering, and smart intervention generation
- Built RAG system for private knowledge base using React, Flask, LlamaIndex, and MinerU
- Created legal document classification and summarization platform with Angular, FastAPI, and BAML
- Implemented dockerized anonymization system for Italian legal documents using lightweight 3B models (Ollama)
- Deployed all solutions on Azure App Service with full containerization

DATA SCIENTIST

Mar 2024 - Nov 2024

EUROPEAN CENTRAL BANK · INTERNSHIP · FRANKFURT, GERMANY · HYBRID

- Implemented LLM solutions for naming convention standardization in financial datasets
- 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

Nov 2023 - Feb 2024

GENERALI INVESTMENTS · INTERNSHIP · TRIESTE, ITALY · HYBRID

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

LOGISTICS AUTOMATION SPECIALIST

Mar 2021 - Sep 2021

ESSILORLUXOTTICA · INTERNSHIP · AGORDO, ITALY · ON-SITE

- Managed implementation of AGV logistics projects at Agordo and Sedico sites with daily KPI analysis

EDUCATION

MASTER OF SCIENCE - DATA SCIENCE & SCIENTIFIC COMPUTING

2021 - 2023

UNIVERSITY OF TRIESTE · AI AND MACHINE LEARNING

ERASMUS+ SCHOLARSHIP - MATHEMATICS & COMPUTER SCIENCE

2022 - 2023

AUTONOMOUS UNIVERSITY OF MADRID

BACHELOR OF ENGINEERING - ELECTRONIC & COMPUTER ENGINEERING

2016 - 2020

UNIVERSITY OF TRIESTE