SILVIO BARATTO ROLDAN

FULL-STACK AI DEVELOPER

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`ITALIAN · NATIVE`   `ENGLISH · PROFESSIONAL`   `SPANISH · NATIVE`

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. Experienced in building scalable applications with modern frontend frameworks and Python backends.

TECHNICAL SKILLS

LANGUAGES	Python, TypeScript, SQL	**FRONTEND**	Angular, React, Tailwind CSS
BACKEND	FastAPI, Flask, Express	**AI / ML**	LlamaIndex, BAML, RAG, NLP, Ollama
CLOUD	Azure, Docker, Vercel	**DATA**	PostgreSQL, Machine Learning, Pandas

PROFESSIONAL EXPERIENCE

FULL-STACK AI DEVELOPER `CURRENT`
Nov 2024 – Present

EY · TRIESTE, ITALY

— Developed 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 Ollama (3B models)
— Deployed all solutions on Azure App Service with full containerization

DATA SCIENTIST
Mar 2024 – Nov 2024

EUROPEAN CENTRAL BANK · FRANKFURT, GERMANY

— 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 · TRIESTE, ITALY

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

LOGISTICS AUTOMATION SPECIALIST
Mar 2021 – Sep 2021

ESSILORLUXOTTICA · AGORDO, ITALY

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

EDUCATION

M.SC. DATA SCIENCE & SCIENTIFIC COMPUTING
2021 – 2023

UNIVERSITY OF TRIESTE · AI AND MACHINE LEARNING TRACK

ERASMUS+ · MATHEMATICS & COMPUTER SCIENCE
2022 – 2023

AUTONOMOUS UNIVERSITY OF MADRID

B.ENG. ELECTRONIC & COMPUTER ENGINEERING
2016 – 2020

UNIVERSITY OF TRIESTE