MOSTAFA HASHEMIYAN

Junior AI Engineer | Agentic AI | LLM Applications | Machine Learning Systems

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PROFESSIONAL SUMMARY

Junior AI Engineer with hands-on experience building agentic AI, document-intelligence and ML applications. Developed multi-agent workflows, structured LLM outputs, FastAPI services, Streamlit interfaces and automated tests using open- and closed-source models. Delivered production-oriented AI workflows that reduced complex processing cycles from weeks to minutes.

TECHNICAL SKILLS

AI & LLM: OpenAI Agents SDK, multi-agent orchestration, prompt engineering, tool calling, structured outputs, RAG, OpenAI API, Ollama, Hugging Face Transformers

Backend & Data: Python, FastAPI, REST APIs, Pydantic, PostgreSQL, SQLAlchemy, Alembic, ChromaDB, Redis, Celery, SQL

ML & Analytics: PyTorch, TensorFlow/Keras, scikit-learn, Pandas, NumPy, SHAP, feature engineering, anomaly detection

Engineering: Docker, Docker Compose, Git, CI/CD, GitHub Actions, pytest, Streamlit, Jupyter, Jira, Confluence, Linux

PROFESSIONAL EXPERIENCE

HRM | Junior AI Engineer | *Milan, Italy* **Nov 2025 - Present**

- **AIRING - AI Recruitment Platform:** Developed an LLM-driven CV-processing pipeline using Python, OpenAI Agents SDK, FastAPI/Pydantic and Streamlit; processed 50 multilingual CVs with approximately 98% structured extraction accuracy.
- Designed 8 specialized agents and a multi-agent orchestration layer with prompt engineering, tool calling, JSON schemas, validation/fallback logic, open- and closed-source models, code refactoring and automated API tests; contributed to 10+ endpoints and reduced candidate processing from 1-2 weeks to minutes.
- **MyCredit AI - Due-Diligence Platform for Nivara:** Built and refined workflows with 10+ agents for document classification, extraction, validation and cross-document checks using Python, OpenAI Agents SDK, FastAPI, structured schemas, Redis/Celery and Docker; reduced an approximately 4-week manual workflow to about 15 minutes.
- **LIVREA - AI Vehicle Valuation Platform:** Contributed to an asynchronous ML/AI architecture using FastAPI, Celery, Redis, PostgreSQL,FT-Transformer, SHAP, Streamlit and Docker, working across APIs, background jobs, tests and AI-assisted valuation workflows.

Haier Europe | Data Analyst & Machine Learning Specialist - Thesis Intern | *Italy* **Sep 2024 - Sep 2025**

- Built data-cleaning, preprocessing and feature-engineering pipelines for IoT and operational data using Python, SQL, Pandas, NumPy and scikit-learn, supporting anomaly detection and system-reliability analysis.
- Developed a transformer-based multilingual translation workflow with Hugging Face and OpenAI APIs, and visualized operational KPIs with Matplotlib/Seaborn to reduce manual handling of technical documentation.

EDUCATION & CERTIFICATIONS

MSc Telecommunications Engineering | Politecnico di Milano | Mar 2026

BSc Computer Science | University of Eyvanekey | 2022

Certifications: AI Engineer Core Track - LLM Engineering, RAG, QLoRA & Agents (Udemy, 2026); Python Essentials for MLOps (Duke University, 2025); Google Generative AI Intensive (2025)

Languages: Persian (Native), English (Advanced), Italian (Intermediate)