

Alessandro Monti

Analyst Programmer

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I am an Analyst Programmer and Fullstack developer with a passion for AI. I specialize in both frontend and backend development. Currently, I am focusing on expanding my expertise in the application of Artificial Intelligence, including the development of RAG (Retrieval-Augmented Generation) chatbots, integration of AI APIs, automation of business workflows, and AI-driven content generation.

Work Experience

- Dec 2023 – **Analyst Programmer**, Bellinzona, Switzerland
Present Working on the development and maintenance of web applications for the public administration. Involved in backend and frontend tasks, as well as API integrations.
Technologies: TYPO3, PHP, JavaScript, SQL, SCSS, Git, OpenAI API
- Jul 2022 – **IT Intern**, Lugano, Switzerland
Jul 2023 Worked on a full Laravel project covering all layers (database, views, controllers, migrations, middleware, email). Developed new features based on administrative needs. Contributed to the main website, worked with WordPress for a redesign, and provided IT support to internal staff.
Technologies: Laravel, PHP, HTML, CSS, JavaScript, jQuery, Bootstrap, MySQL, phpMyAdmin, WordPress, Swiper.js

Education

- Nov 2024 – **CAS Generative AI**, SUPSI, Lugano, Switzerland
Sep 2025 Certificate of Advanced Studies in Generative Artificial Intelligence.
- Sep 2020 – **Business IT Specialist**, SSIG, Bellinzona, Switzerland
Jan 2023 Scuola Specializzata Superiore - Informatica di Gestione

Languages

- Italian Native
English Advanced

Technical Skills

- Languages Python, JavaScript, PHP, SQL
Frameworks Laravel, Typo3, Django, Next.js
AI & ML PyTorch, LangChain, OpenAI API, RAG, Hugging Face (Transformers)
Tools Git, Vercel, phpMyAdmin, Tailwind
Database MySQL, MongoDB

Projects

On my personal website alessandromonti.dev, you can find a selection of my projects related to Artificial Intelligence and Machine Learning, in addition to more traditional fullstack web development work. These include experiments with RAG-based chatbots, integration of LLMs using LangChain, and custom AI tools for content generation and data processing.