FEDERICO RAPONI

SOFTWARE ENGINEER

PROFILE

Full Stack Developer experienced in **Django** and **Nextjs**, now focusing on AI and Machine Learning.
Enthusiast of emerging technologies like **Deep Learning**, NLP, and **Human-Computer Interaction**.

CONTACTS

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EXPERIENCE

Full Stack Developer

Noledge SRL   *Mar. 2023 - Mar. 2025*

- Developed and tested software products using modern technology stack
- Implemented **RESTful APIs** with Django REST Framework
- Built **responsive** user interfaces with **Next.js**
- Managed and optimized **PostgreSQL** databases
- Containerized and deployed applications using **Docker** and **Docker Compose**
- Applied agile methodologies and **version control** with **Git**

Maintenance Technician

Doma SRL   *Jun. - Aug. 2018, Jun. - Aug. 2019*

- Repaired and installed automatic vending machines for beverages, snacks and coffee
- Gained experience in teamwork and practical problem-solving
- Developed technical skills and attention to detail

EDUCATION

Sapienza University of Rome - *In Progress*

Master's degree in **Computer Science** (LM-18)

- **Relevant coursework:** Machine Learning, Deep Learning, Human-Computer Interaction
- Full degree program taught in **English**

Sapienza University of Rome - *Completed*

Bachelor's degree in **Computer Science** (LM-18)

- Strong foundation in programming, **algorithms** and data structures
- Expertise in **software development** and software engineering

PROJECTS

Software Development and Machine Learning Projects

Comprehensive collection of personal and professional projects on my **Portfolio**

- **Full-stack** web development projects using modern technologies
- **Machine Learning** and **Deep Learning** algorithm implementations
- Practical applications of Natural Language Processing and **Computer Vision**

SKILLS

Programming Languages
Python, JavaScript/TypeScript, Java, Go, SQL

Framework Backend
Django & Django REST Framework, Gin Web Framework

Framework Frontend
React & Next.js, Vue.js

Machine Learning
PyTorch, TensorFlow, scikit-learn, PyTorch Lightning, OpenCV

Database & Infrastructure
PostgreSQL, SQLite, Docker, Docker Compose, Portainer

Development Tools
Git, GitHub, GitLab, Linux, VS Code, JetBrains IDEs

Languages
Italiano *(Madrelingua)*, Inglese *(Advanced)*

INTERESTS AND OBJECTIVES

Professional Objectives
Interested in roles that combine software development and **artificial intelligence**, with particular focus on Machine Learning, Deep Learning and innovative applications in the AI field.
Motivated to contribute to projects that have a significant impact through the use of cutting-edge technologies.

Personal Interests
Motorcycle travel, winter sports (snowboarding), mountain hiking, fishing, cooking. These hobbies reflect my passion for exploration, precision and creativity, qualities that I also bring to my professional work.