

GOUMOU

Raphaël

Full-Stack Developer
Python · Node.js · AI/ML

CONTACT

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- Roma, Italy · Open to relocation
EU/Remote

CORE SKILLS

Backend

Node.js Python
Express FastAPI
PHP/Laravel REST API

Frontend

React Next.js
TypeScript Tailwind

Data & AI/ML

Pandas scikit-learn
NumPy Deep Learning
Power BI Matplotlib

Database & DevOps

PostgreSQL MySQL
MongoDB Prisma
Redis Docker Git

LANGUAGES

French Native
Italian Fluent (C1)
English Intermediate (B1/B2)

EDUCATION

Python & AI — Deep Learning
Udemy · 2025

Advanced Python Development
Udemy · 2025

Data Analyst Certification
Udemy · 2024

Full-Stack Developer Diploma
MUSA Formazione · 2023

IT & Networks Diploma

PROFILE

Full-Stack Developer with hands-on experience building production-grade web applications, SaaS platforms, and data-driven solutions. Proficient in Python (ML/D Learning), Node.js/Express, React, and PostgreSQL. Built and shipped real products to-end — from architecture design to deployment. Trilingual (FR/IT/EN), EU mobility learner with a product-oriented mindset.

PROJECTS

InfraPilot — Construction SaaS Platform

Node.js · Express · Prisma · PostgreSQL · Redis · Socket.io · Stripe · React

- Multi-tenant SaaS for construction site cost control, targeting EU and West Africa markets
- Real-time updates via Socket.io; multi-currency (EUR/GBP/GNF/XOF), multi-language (FR/IT/EN)
- JWT auth with refresh token rotation, role-based access control, soft-delete architecture
- Payment integration: Stripe (EU) + Wave/Orange Money (West Africa)

ML / Deep Learning Projects

Python · scikit-learn · TensorFlow/Keras · Pandas · NumPy · Matplotlib

- Trained classification and regression models on real datasets; feature engineering and model evaluation
- Deep Learning experiments: neural network architectures, training pipelines, performance tuning
- Data cleaning, transformation pipelines and KPI dashboards (Power BI + Matplotlib)

Booking Management Platform

Python · FastAPI · PostgreSQL · SQLAlchemy · JWT · Docker

- Full-stack platform with complete CRUD, role-based access (SUPER_ADMIN, ADMIN, CLIENT)
- Scalable REST API architecture, production-ready with Docker

E-commerce Platform

React · Node.js/Express · MongoDB · Stripe

- Product catalog, cart, checkout, order management and admin dashboard
- Secure JWT auth, role management, responsive UI

Solidarity Fund Management System

React · Node.js · SQLite · Cron

- Loan management with automated monthly interest calculation via cron jobs
- Role-based access, real-time notifications and analytics dashboard

EXPERIENCE

Full-Stack Developer — Freelance & Personal Projects

Self-employed · Remote

- Built and deployed multiple web apps (SaaS, e-commerce, dashboards) from scratch to production
- Developed Python ML pipelines for data cleaning, predictive modeling and reporting
- Contributed to "Reactor Suite": SQL data pipeline architecture for sensor data integrity

Full-Stack Developer — MUSA Formazione

Roma, Italy

- Practical full-stack training with real project delivery: web apps, REST APIs, databases

Portfolio & references available on request · raphaelgoumou.com · github.com/goumouraphael

ITS Academy, Roma · 2022

MOBILITY

- EU work permit · available immediately