

Alessandro Feri

Backend-leaning Full Stack Developer

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SUMMARY

Backend developer with 4+ years of professional experience in Python and PHP. I currently work on an Italian health-care-booking platform, modernizing legacy systems and building B2B integration APIs and AI features such as recommendation models, chatbots, and voice assistants. I am completing a BSc in Computer Science at the University of Florence, with graduation expected in early 2027. Based in Florence, Italy — EU citizen, open to relocation within Europe.

SKILLS

Ansible · Docker · Elasticsearch · Git · Java · Laravel · MySQL · NestJS · Next.js · Nginx · PHP · PostgreSQL · Python · Redis · Rust · TypeScript

EXPERIENCE

Backend Developer — Cup24.it

April 2024 – Present

- Lead the modernization of the legacy PHP codebase of an Italian healthcare-booking platform (formerly CupSolidale).
- Manage the production architecture, running the platform's services on Docker Swarm and continuously improving reliability and performance.
- Design and build public REST APIs that let partner companies integrate the platform's booking services.
- Built an automated ticketing pipeline processing ~20,000 tickets/month, cutting manual back-office work by ~20%.
- Developed the smart-search and recommendation model that matches non-standard service names and symptoms to the correct medical service.
- Built a customer-facing chatbot, an AI phone assistant, and internal RAG tooling (Elasticsearch, Pinecone) as part of applied-AI R&D.

Freelance Developer — Self-employed

December 2022 – December 2024

- Sole developer for Furider, a last-mile delivery rider-rental startup: Angular web platforms, MySQL database design and management, and the riders' Flutter app.
- Re-architected order dispatch with AWS Lambda functions that assign incoming orders to online riders in real time.
- Extended the rider app with order management, suggested delivery routes, and photo or signature proof of delivery.
- Delivered a complete Flutter + Firebase app for a terrarium retailer: product catalogue, step-by-step care tutorials, and an integrated lux meter to validate terrarium placement.

Mobile Developer — Albalog srl

October 2021 – August 2023

Built and shipped three corporate mobile applications using Flutter: a warehouse management app, a leads and clients management app, and a network scanning app that discovers printers and retrieves device information.

PROJECTS

- **Plate Atlas** — A visual field guide to Europe's registration plates. (TypeScript, Vinext, Vercel, CSS)
- **Safe CP** — A safer file-copying CLI with automatic backups and undo. (Rust)
- **Nexus** — A developer workspace for projects, tasks, and infrastructure. (Neon, Next.js, Tailwind CSS, React)

To see other projects I've worked on, take a look at my [portfolio](#).

EDUCATION

Computer Science — UNIFI

September 2021 – Present

Bachelor's degree in Computer Science at the University of Florence (expected graduation: early 2027), covering software engineering, algorithms, databases, operating systems, networking, cybersecurity, and game development. Some exam projects are available in the projects section of my portfolio.

LANGUAGES

Italian — Native · English — Professional