

JORIS RICARD

Software Engineer

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SUMMARY

Software engineer with 4 years of experience on business-critical applications, holding an MSc in Artificial Intelligence. Currently building LLM-based automation inside a production ERP: a Python ingestion pipeline coupled with domain rules, with uncertain cases routed to a confidence-scored human review before any data reaches the system. Full-stack across Java/Spring and Angular, technical referent on AI and automation.

EXPERIENCE

Software Engineer, GCA (Groupe Charles André), Lyon · Jan 2025 – Present

Transport and logistics group · in-house ERP (AdTMS)

- Designed and built an LLM-based extraction pipeline for incoming transport orders: Python ingestion coupled with LLM inference and business rules, automated XML generation into the ERP, and a human review interface driven by a confidence score. Owned the technical estimate and overall architecture. Models run on-premises. In pilot.
- Build and maintain AdTMS, the group's ERP, used daily by several hundred users processing several thousand orders. Contributed to the e-invoicing rollout: flow compliance, control tooling, new management screens.
- Redesigned core modules (orders, pricing, billing, user workflows) across a rich legacy codebase with hard continuity and robustness constraints.
- Technical referent on AI and automation: code reviews, tooling guidance, mentoring developers and apprentices.

Java · Spring · Angular · Python · FastAPI · PostgreSQL/pgvector · Oracle · Docker · Git

Software Engineer, Apollo | Coding Life, Lyon · Sep 2024 – Dec 2024

- Java development on a Kafka-based distributed architecture. Ramp-up on event-driven systems.

Java · Kafka

Software Developer (apprenticeship), CGI, Lyon · Sep 2022 – Aug 2024

Client: SNCF (French national railway)

- Developed custom Java modules on an IBM Maximo-based CMMS platform serving a large industrial user base.
- Gathered business requirements, wrote technical specifications, developed and validated features.
- Wrote Oracle SQL queries for data extraction, analysis and quality remediation.

Java · IBM Maximo · Oracle · GitLab · Jenkins · Postman

Software Developer (apprenticeship), CGI, Lyon · Jan 2022 – Aug 2022

Client: URSSAF (French social security collection agency)

- Maintained and extended a Java application for a public-sector body: incident triage, diagnosis and fixes, plus new features to spec, working closely with business teams.

Java · Spring Boot · Spring Batch

PROJECTS

- **Mishka** : project management SaaS for agencies and freelancers, designed, built and run alone, in production since July 2026 (client portal, AES-256 credential vault, PDF reports). Next.js · TypeScript · Supabase.
- **Timon** : open-source transport management system: scoping, ADRs, specs, CI-built docs, tests derived from acceptance criteria, and a demo where the API and PostgreSQL run in the browser. TypeScript · React · Hono · PGLite.
- **Music Curator** : client-side Minecraft mod (Java, Fabric), 500+ downloads on CurseForge.

SKILLS

Backend Java, Spring Boot, Spring Batch, Python, FastAPI, Node.js, REST APIs, JPA

Frontend Angular, React, Next.js, TypeScript, HTML/CSS

Data Oracle, PostgreSQL, pgvector, data modeling, SQL query design and optimization

AI/ML LLM pipelines, prompt design, embeddings and retrieval, model evaluation, confidence scoring, human-in-the-loop review

Tooling Git/GitLab, Docker, Jenkins, Maven, JUnit, Postman, Kafka, Celery/Redis

Domains Order management, pricing, billing, e-invoicing, logistics and transport flows

EDUCATION

MSc in Artificial Intelligence, Epitech, 2024

With the French State-certified Level 7 title (EQF 7, master's level) "Software Architect, Application Developer" (RNCP35075), awarded by ETNA

Web and Mobile Project Manager, Epitech · Sup'Internet, 2022

French State-certified Level 6 title (EQF 6, bachelor's level)

Advanced Technician's Certificate (BTS SIO), Software Solutions, Lycée Dominique Villars, 2021 · Vocational Baccalaureate, Digital Systems, with honours, 2019

Languages French (native) · English (B2, professional working proficiency) · **Interests** Hockey, skiing, hiking, video games