

Gaétan La Selve

Full Stack Developer — Java/Spring Boot · Angular

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Full-stack developer with an engineering background, specialising in **Java/Spring Boot** and **Angular**. Over four years of software development, currently on **SaaS solutions for industrial monitoring**, from the back end through to deployment (Docker, GCP). Autonomous, with an engineer's rigour and a liking for complex systems.

EXPERIENCE

Full Stack Developer — Acoem

Sept 2024 – present · Limonest (Lyon area)

Software vendor of SaaS solutions for industrial monitoring (machine health and environmental monitoring).

- **Acoustic monitoring platform** in Java/Spring Boot and Angular (13,000 devices, 400+ customers): **dedicated developer**, from development through to production maintenance (PostgreSQL, Docker/Kubernetes on GCP), in Scrum, under the supervision of the technical lead.
- Integrated **Keycloak SSO** (external identity providers, automatic provisioning, group-based access) in response to a customer requirement.
- **Full rewrite of an audio processing service** that was unstable in production: new Java/Spring Boot version delivered in 3–4 weeks through **AI-assisted development**, including tests and migration.
- **Replacement of a legacy data aggregation service**: API design, reverse engineering, data model migration, coordination with an external partner.
- Also, **on the group's vibration monitoring platform** (C#/NET): productionised an **anomaly detection AI** (Dockerised C# microservice calling C++ through **Swig**); automated the build pipeline (Bitbucket).

Full Stack Developer — Specialisation & projects

Sept 2023 – Aug 2024

- Certified **OpenClassrooms** programme (Java/Spring Boot, Angular) and first delivered projects: **Fitime** iOS app (App Store) and a **website for a fitness coach** (live in production).

Developer & BIM Modeller — Cyclife Digital Solutions (EDF group)

Mar 2022 – Aug 2023 · Lyon

- Digitisation of nuclear power plants (EDF). **Sole developer**: designed and maintained **around fifteen automation tools** for the BIM workflow (**Python**, Revit API, Dynamo) used by a team of 8; internal HTTP server; interactive 3D model in Unreal Engine 5.

Earlier career (2018–2022): structural engineer, then founded and ran a small business.

PROJECTS

- **IntuiFit** — iOS strength training app (Swift/SwiftUI), AI-assisted development, available on the [App Store](#).
- **Lector** — full-stack reading tracker web app (Java/Spring Boot, Angular, Docker) — lector.codebygaetan.fr
- **Baudy Training** — website for a fitness coach, live in production (online booking) — baudytraining.fr

SKILLS

Java · Spring Boot · Angular · REST APIs · PostgreSQL · Docker · Keycloak/SSO · TypeScript · CI/CD · GCP · Git · C#/NET · AI-assisted development · Python · Swift · SQL · unit and integration testing · Agile/Scrum

EDUCATION

- **Engineering Degree (MSc level), Civil Engineering** — ENISE, Saint-Étienne · 2015–2018
- **Full Stack Developer** — OpenClassrooms · 2023–2024
- **Two-year Technical Degree (DUT), Civil Engineering** — Université Claude Bernard Lyon 1 · 2013–2015
- **SECUCYBER Certification** — cybersecurity fundamentals

LANGUAGES

French (native) · English (professional working proficiency, B2)