Laurent Genty

Fullstack Developer Java / Spring Boot & React

contact@lgenty.dev +33 6.63.98.55.02 Bordeaux
linkedin.com/in/laurentgenty lgenty.dev

SUMMARY

Fullstack engineer with **6 years** of experience building **high-traffic** products, from e-learning to **regulated US e-health**. From **Java / Spring Boot** backends to **React** frontends, I get involved in product decisions and have built **AI** into my whole workflow, with no trade-off on quality.

SKILLS

Backend	Java, Spring Boot, Kotlin, Node.js
Frontend	React, TypeScript, Next.js, React Native, Electron, Angular
Data	MySQL, PostgreSQL, ElasticSearch, pgvector
DevOps	Docker, GitHub Actions, GitLab CI, Terraform
Cloud	AWS, GCP, Firebase, Cloudflare
Testing	Cypress, Playwright, Vitest, Jest
AI	Claude Code, agents, MCP, RAG
Soft Skills	Autonomy, analysis, mentoring

EDUCATION

ENSEIRB Matmeca **Bordeaux, France**
2018 - 2021
MSc Engineering, Software Engineering
Top of specialization, GPA 15.5/20

University of Bordeaux & UQAC **Bordeaux, France & Chicoutimi, Canada**
2016 - 2018
DUT in Computer Science
Top of class
GPA: 17/20 (FR) & 3.98/4.3 (CA)

Access42 2024
Accessible web development (RGAA)

LANGUAGES

French native
English fluent (TOEIC 950)
Chinese intermediate (LILATE B1)

INTERESTS

- **Sports**: volleyball (N3), handball
- **Hobbies**: climbing, tufting
- **LoL**: Challenger (top 0.01% EU)
- **Animals** (agility and awareness)

EXPERIENCE

Synapse Medicine — Jun 2026 - Present
Fullstack Developer — Bordeaux, France

Java, Spring Boot, MySQL, React, TypeScript, AWS, Cypress, Claude Code

Synapse Prescribe: e-prescribing SaaS for 10,000+ practitioners in the US
- End-to-end features: **Java / Spring Boot** services in hexagonal architecture, React prescriber portal, admin tooling
- **DevOps**: GitHub Actions CI/CD pipelines, preview and staging environments, AWS deployments
- Regulated US healthcare context: **security and compliance** in every release, systematic PR reviews, Cypress tests
- **AI workflows** built in and continuously optimized: agent pipeline (tech lead, dev, QA, reviewer, evidence) from ticket to PR, automated previews, human sign-off before every merge

AD Education — Mar 2025 - Aug 2025
Lead Fullstack Developer — Bordeaux, France

Next, React, TypeScript, Strapi, PostgreSQL, Firebase, Docker
- **White-label** Next.js / Strapi foundation for the schools' websites (100k+ visits/week); ISR + caching (**-80% infra costs**)
- Frontend/backend CI/CD pipelines; SQLite to PostgreSQL migration with Docker
- Mentored **2 junior developers** (autonomous within 3 weeks); SCRUM rituals, code reviews, pair programming
- Brought Claude into the workflow (architecture, PRs, refactoring), cutting review cycles and decision overhead

BeTomorrow — Feb 2021 - Dec 2024
Frontend Developer, then Lead — Bordeaux, France

React, React Native, TypeScript, Kotlin, Spring Boot, AWS

E-learning platform (150K+ monthly users, 92% retention)
- **Stepped up as lead** for web and mobile frontend on a cross-platform app (desktop, offline, mobile); data schema backward compatibility and legacy reduction
- End-to-end tests and reliable rollout across thousands of heterogeneous devices (low-end Android, legacy Windows); **RGAA level AA** validated by an Access42 audit

Lead Fullstack – B2B SaaS for R&D investment experts
- Management tool for French R&D tax credit schemes (CIR/CII/CIC), from needs analysis with chartered accountants to production
- Design system *from scratch*, React frontend, **Kotlin / Spring Boot** microservices, LLM at the core of the user journey; **35%** trial-to-paid
- Onboarded the first customers, fast iterations with the PO

Gradigang Solutions (indie) — Feb 2021 - Present
Fullstack Developer, DevOps — Bordeaux, France

Next, React, Socket.IO, Supabase, Three.js, Docker, Claude Code
- **Twitch Party**: real-time mini-games for streamers (3k+ viewers/stream, <15ms latency), Three.js 3D games synced over WebSocket
- Side projects in production (Pokésino: 400+ peak players; Chinese Buddy; Rift Notes, pgvector RAG) on self-hosted infra (Hetzner, Dokploy, Cloudflare)

LIARA Lab — Mar 2018 - Aug 2018
Research Intern, ambient intelligence — Chicoutimi, Canada

C#, Python, NumPy, Machine Learning, RFID, IoT
- **Smart Alzheimer House**: real-time visualization of RFID data
- Machine learning detection of risky behaviors