

Romain Philippe-Milleret.

■ Senior Product Engineer

CONTACT

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Building products end to end, with a strong bias for UI and design.

10 years of building web products, from the foundations teams build on to the features users touch. I work AI-first, to ship faster without cutting corners.

KEY ACHIEVEMENTS

12+

Séguir requirements in 6 months, AI-first workflow

4

Months from zero to a demoed MVP, as tech lead

14

Companies I've built products for, from startups to scale-ups

34k+

Connected devices managed through an app I built

Experience.

01

Freelance — Senior Product Engineer

2020 – 2021, 2024 – Present · Remote

Product engineering missions for startups and scale-ups in healthcare, Web3 and SaaS.

MadeForMed — Design System Architect

Mar 2026 – Present

Medical practice software suite (Odaiji, ~600 doctors) in regulated healthcare.

- Delivered the Séguir Vague 2 requirements with an AI-first workflow.
- Built the suite's design system from scratch (70+ components), now the shared foundation for two products.
- Initiated an incremental migration from Bootstrap to Tailwind that never froze feature work.
- Designed an AI-first architecture and drove AI adoption across the team.

Jamespot — Frontend Engineer

2025 · 6 months

Rehired by my former employer, an enterprise social network (SaaS).

- Migrated one of the platform's applications from AngularJS to React.

Evergon Labs — Tech Lead (MVP)

2024 · 6 months

Compliant tokenization infrastructure (Web3), from zero to a market-tested MVP.

- Led a team of 4 developers to build the MVP in 4 months: API, frontend SDK, design system and white-label app.
- Demoed by the CEO at the Plug and Play Summer Summit; the reception validated building the full product.
- Handed over in 2 months, with the architecture documented, to a team that ran it on its own.

Pitchy — Product Engineer

2021 · 4 months

Marketing video creation platform (SaaS).

- Built a two-way visual / SSML text-to-speech editor, from UI design to backend. Still live in 2026.

Other freelance missions

- 7 client projects delivered end to end, from brand identity to launch.

Cometh — Lead Frontend Engineer

Nov 2022 – Dec 2023 · Remote

Web3 infrastructure, pioneer of biometric wallet authentication (acquired by Kaiko in 2026).

- Built the frontend SDK that made the wallet simple to integrate for third-party developers.
- Harmonized 4 apps and websites on a shared, fully tested foundation.
- Set the frontend vision for a team of 3.

OpenClassrooms — Frontend Engineer

Aug 2021 – Oct 2022 · Remote

EdTech platform that helped 10k+ people change careers.

- Built the marketing components of the new design system during the company's rebrand.
- Acquisition squad: built course discovery and conversion features on the marketing site (+10% Lighthouse score).
- Shipped internationalized React apps and mentored teammates.

Jamespot — Fullstack Engineer

Oct 2019 – Oct 2020 · Remote

Enterprise social network (SaaS).

- Built several apps within the platform, including an interactive org chart and a TV display app.
- Owned the UX and interface design of the apps I built.

Smiirl — Frontend Engineer & Product Owner

Apr 2017 – Aug 2019

Connected-device brand sold in 87 countries.

- Built the customer app from scratch: device management, wifi connection flows, user accounts, orders, help center.
- Cut setup-related support tickets by at least 50% in the first months after launch.
- Set up the customer app product process from scratch as Product Owner.
- Ran monthly funnel iterations on the e-shop.

Skills.

02

Product & Design

Product discovery User research Product ownership UX/UI design Design systems
Accessibility Prototyping Figma / Paper

Engineering

TypeScript React Next.js Node.js Software architecture Testing
Web performance CI/CD Infrastructure Git

AI

AI-assisted development ADEs (Cursor, Herdr, Conductor, ...) AI agents RAG LangChain
MCP

Education & languages.

03

2014 – 2016

Diplôme d'Études Musicales (DEM) — professional-level drummer

2011 – 2014

Université de Savoie — Licence, Communication & Graphic Design

Languages

French (native), English (full professional) · Interests: music (20 years, drums), CrossFit, hiking