Robin Hormaux

Full-Stack Software Engineer · Freelance

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Chaumont-Gistoux, Belgium · French native, English fluent

I build data-heavy, privacy-critical products, from the business need to production. I have spent seven years in healthcare, computer vision and real-time platforms, on system design, frontend, backend, data, infrastructure, delivery and support.

7 years
shipping software that runs in production

2,500+
general practitioners on the health record I worked on

Experience

Fizio — Full-Stack Software Engineer

Belgium · 2026 – Present

A SaaS platform for Belgian physiotherapists, connected to the Belgian eHealth and MyCareNet services.

- Own the whole product lifecycle: market research, UX/UI design, architecture, development and deployment.
- Built the application with Next.js, React, TypeScript, Tailwind CSS, PostgreSQL and Prisma.
- Developed bilingual (FR/NL) tools covering practice profitability, administrative workflows and patient communication.
- Integrating Belgian eHealth and MyCareNet services: MemberData, certificate-based authentication and regulated acceptance testing.
- Designing secure patient management and electronic billing, with a focus on data privacy.

Next.js · React · TypeScript · PostgreSQL · Prisma · eHealth · MyCareNet

Medispring — Full-Stack Developer

Louvain-la-Neuve · 2022 – 2025

Product and engineering work on a secure electronic health record used by more than 2,500 general practitioners.

- Built Angular, RxJS, Nx and Kendo UI frontends alongside Spring Boot and CouchDB services.
- Worked on end-to-end encryption, per-user private keys and regulated certification processes.
- Delivered patient stays, physiotherapy, nursing and reporting features, and configurable queries on medical data.
- Integrated FHIR R4, KMEHR, MyCareNet and eAgreement services in the Belgian eHealth ecosystem.
- Investigated performance issues, strengthened Jest tests and provided support on production incidents.

Angular · RxJS · Nx · Java · Spring Boot · CouchDB · FHIR R4 · KMEHR

Bubble Software — Full-Stack Developer / Agile Lead

La Hulpe · 2021 – 2022

Led a team of three developers delivering a real-time platform for the European Business Summit.

- Delivered multi-stream viewing, live chat and networking under a fixed event deadline.
- Coordinated technical execution and improved planning, prioritisation and Agile delivery practices.
- Kept writing code throughout: architecture, implementation and releases to production.

Real-time · Live streaming · Team lead · Agile

Piximate Software Engineer — La Hulpe · 2019 – 2021

Computer-vision systems deployed for retail clients including Carrefour, IKEA and Farm.

- Prepared Intel NUC devices and Dockerised Linux services to process image data at the edge.
- Reduced raw-image transfers and cloud processing by moving proprietary algorithms on site.
- Built AWS pipelines, Elasticsearch indexing and Angular analytics dashboards for customers.
- Implemented remote debugging, monitoring, maintenance and software updates.
- Helped adapt the platform into real-time customer-counting systems during COVID-19.

Angular · AWS · Docker · Linux · Elasticsearch · Edge computing

Skills

Frontend	Angular, React, Next.js, TypeScript, RxJS, Nx, Kendo UI, responsive interfaces
Backend & data	Java, Spring Boot, Node.js, NestJS, REST, PostgreSQL, CouchDB, Elasticsearch
Infrastructure	AWS, Docker, Linux, Intel NUC, edge computing, monitoring and remote maintenance
Product	Discovery, technical design, full-stack delivery, production support
Domains	eHealth, FHIR R4, KMEHR, MyCareNet

Education & training

2013 – 2019	Master's degree in Computer Science, UCLouvain Thesis: a machine-learning model predicting exam results from continuous-assessment data, within about 2 points out of 20 for 90% of students.
Training	animations.dev Advanced interface animation, by Emil Kowalski
Training	Interface Craft Advanced UI/UX training, by Josh Puckett