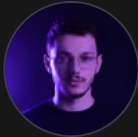


Nathan Hallouin

Full Stack React / Next.js Developer

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LOCATION Orléans & Paris
Mobility : Hybrid / Remote

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PROFILE

Versatile and self-driven, I work across the whole chain: responsive front-end, secured API, CI/CD deployment. Priorities: quality, clarity, measurable performance.

- Autonomy & rigor in agile environments
- Full delivery: front, back, API, test, deployment
- Smooth communication & team spirit
- Product sense & attention to detail

SKILLS

Front-end	React, Next.js, TypeScript, React Native / Expo, Vue / Nuxt, Tailwind CSS, HTML, CSS
Back-end	Node.js / NestJS, Java / Spring Boot, REST API, PostgreSQL, Flyway
Testing & Quality	Vitest, JUnit, Testcontainers, Playwright, code review, accessibility (WCAG)
Security & Compliance	GDPR, HDS hosting, encryption, access audit trail, JWT
Tools & CI/CD	Git, GitHub Actions, Docker, Vercel, Scalingo, Sentry, Jira, Claude Code

PROFESSIONAL EXPERIENCE

- Full Stack Developer • Freelance

09/2025 - Present

Physio Xpert • Paris • Remote

- Designed and built solo, since September 2025, a rehabilitation SaaS now in production: practitioner back-office, iOS/Android patient app and API. 310 routes, 4,658 tests, ~235,000 lines.
 - React / Next.js back-office in TypeScript, React Native / Expo mobile app, Java / Spring Boot API on PostgreSQL.
 - Database-stored JSONLogic rules engine: practitioners edit questionnaires and medical alerts without a redeploy.
 - Health data: HDS-certified hosting in France, encryption, consent, access audit trail (GDPR), CI/CD.
app.physio-xpert.com, [case study on nathanhallouin.dev](https://case.study.on.nathanhallouin.dev)
- Full Stack JavaScript Developer • Apprenticeship, 12 months

05/2022 - 05/2023

Quanted Square • Paris

- Built a multilingual web application in Vue / Nuxt: server-side rendering, i18n, PWA, SEO and performance.
 - Integrated Stripe payments and set up continuous deployment on Vercel.
 - Worked in a team of 3 using SCRUM: peer code reviews and technical documentation.

PROJECTS

- Wilook Backoffice • Fashion e-commerce management

Nuxt 4 / Vue 3 / Vuetify 4 / TypeScript / Supabase / Bun

Goal : E-commerce backoffice for a fashion brand: filterable product CRUD, image upload and visual outfit composition by drag-and-drop.

Result : Service layer isolating data access, server-side pagination with infinite scroll, URL-shareable filters, RLS and offline demo mode.
- Dorloter • Pet adoption & lost-and-found

NestJS 11 / TypeScript / Kysely / PostgreSQL 18 + PostGIS / React 19 / Expo

Goal : French platform combining shelter adoption, geolocated lost/found reports and a directory of certified pet boarders.

Result : TypeScript monorepo: modular NestJS API (10 contexts), scored PostGIS matching, 2 React SPAs, Expo app, JWT auth.

EDUCATION

Software Designer-Developer Bachelor	OpenClassrooms • Paris • Diploma program	2024 - 2025
Application Designer & Developer	Nexa Digital School • Paris • Apprenticeship	2022 - 2023
Web Developer (RNCP level 5)	OpenClassrooms • Paris • Diploma program	2020 - 2021
Multidisciplinary scientific curriculum	Universities of Le Mans, Tours, Rouen • France • Computer Science, Electronics, Mathematics	2015 - 2019

CERTIFICATIONS

- CS50 AI - Harvard University, 2026
 - Meta Front-End Developer • Meta, 2025
- JavaScript Algorithms and Data Structures • freeCodeCamp, 2021

LANGUAGES

French • Native • English • Professional • German • Intermediate

INTERESTS

- Documentaries, from history to contemporary issues
 - Cooking for the people around me, the best team glue
- Entrepreneurship: value creation and innovative models