

Nathan Hallouin

Fullstack JavaScript Developer

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LOCATION	Orléans & Paris	GITHUB	github.com/NathanHallouin

Mobility : Hybrid / Remote



PROFILE

Versatile and self-driven, I work across the entire value chain of a web project: from responsive front-end to secured API, all the way to CI/CD deployment. My priorities: quality, clarity and measurable performance.

SKILLS

Languages	JavaScript, TypeScript, Java, HTML, CSS
Frameworks	React, Next.js, Vue, Angular, React Native, Node.js
AI & Workflow	Claude Code, Cursor, AI-assisted development
Testing & Quality	Vitest, Unit testing, W3C / a11y
CI/CD & DevOps	Git, Docker, Kubernetes
Databases	PostgreSQL, MySQL, MongoDB
Cloud & Tools	Vercel, AWS, VS Code, IntelliJ, Jira, Linux

PROFESSIONAL EXPERIENCE

Full Stack Engineer Physio Xpert · Paris, France · Freelance · Remote	11/2025 – Present
- Designed and built a medical SaaS platform for physiotherapists on a microservices architecture. - Next.js admin dashboard and React patient mobile app, type-safe Fastify API (Drizzle / PostgreSQL). - JSONLogic questionnaire engine, medical flag system and exercise-progression algorithm (V/O/R). - GDPR compliance (patient-data encryption, soft delete, audit) and CI/CD setup.	
Front-end Engineer OpenClassrooms · Paris · Diploma program (RNCP level 6)	03/2024 – 03/2025
- Converted a legacy project: jQuery -> React Router 7 migration, reusable components and a modernized codebase. - Built advanced front-end interfaces with Angular and React: dashboards, forms, UX-driven animations. - SEO and accessibility compliance (W3C standards), algorithm optimization (+30% performance). - Set up unit tests (Vitest), CI/CD integration and delivery-oriented technical documentation.	
Fullstack JavaScript Developer Quanted Square · Paris · Apprenticeship (12 months)	05/2022 – 05/2023
- Built a multilingual showcase website (Vue, Nuxt, i18n, PWA): responsive UI, SEO-friendly, smooth experience on every format. - Full deployment on Vercel, externalized business logic and secured Stripe integration. - Agile methodology (SCRUM/Kanban) in a team of three: stronger communication, documentation and teamwork.	
Junior Web Developer OpenClassrooms · Paris · Diploma program (RNCP level 5)	11/2020 – 11/2021
- Built an interactive mini e-commerce: responsive front, secured API (Node.js + Mongo/MySQL), cart/order logic. - Responsive & UX integration: CSS/SASS animations, SEO, reinforced accessibility. - End-to-end stack ownership: design, code, test and local deployment.	

PROJECTS

Physio-Xpert · Medical platform for physiotherapists

Next.js 16 / Fastify / TypeScript / Drizzle / PostgreSQL

Goal : Full-stack medical SaaS on a microservices architecture (5 services): smart questionnaires (JSONLogic), medical flags, exercise-progression algorithm (V/O/R), admin dashboard and patient mobile app, GDPR compliance.

Result : ~190k lines of end-to-end type-safe TypeScript, delivered solo in 8 months.

Miaou · Pet adoption & lost-and-found

Next.js 16 / TypeScript / Drizzle / PostgreSQL + PostGIS / MapLibre

Goal : Web platform combining shelter adoption, a geolocated lost-and-found network and a directory of certified pet boarders, with adopter/animal matching.

Result : Turborepo monorepo, PostGIS geospatial search, Better Auth, S3 uploads and Web Push notifications.

Harmonia · Real-time communication platform

Rust / Axum / Tokio / SQLx / Floem

Goal : A Discord alternative with a hybrid architecture: centralized social layer (Hub) + self-hostable community servers (text/voice), desktop and mobile clients.

Result : Rust backend (Hub + community server), Floem desktop client and an Android mobile app.

EDUCATION

Software Designer-Developer Bachelor

2024 - 2025

OpenClassrooms · Paris · Diploma program

Application Designer & Developer

2022 - 2023

Nexa Digital School · Paris · Apprenticeship

Web Developer (RNCP level 5)

2020 - 2021

OpenClassrooms · Paris · Diploma program

Multidisciplinary scientific curriculum

2015 - 2019

Universities of Le Mans, Tours, Rouen · France · Computer Science, Electronics, Mathematics

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 ingredient for team spirit
- Entrepreneurship: value creation and innovative models

RECOMMENDATION



"Nathan is a rigorous, curious and self-driven fullstack developer. He quickly grasps technical and business challenges, and delivers clean, well-structured and useful work. A reliable profile with strong growth potential."

Jérémie Pereira

Frontend Architect @ Leboncoin