



# Jérôme Charriaud

Software Engineer

14 years of experience

## CONTACT

France / Taiwan

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## AI

Claude 8/10

Daily use via bmand & GitHub spec-kit

## PROGRAMMING

TypeScript 9/10

## BACKEND

NestJS 9/10

PostgreSQL 8/10

Node.js 7/10

Express.js 7/10

MongoDB 7/10

Prisma 7/10

GraphQL 7/10

BullMQ 6/10

Jest 6/10

Meteor 6/10

Elastic Search 5/10

## DEVOPS

Git 8/10

Docker 6/10

NX 6/10

AWS 5/10

CI/CD 5/10

## FRONTEND

Vue.js 9/10

HTML5 / CSS3 9/10

Shadcn 7/10

Astro 6/10

Capacitor 5/10

## LANGUAGES

French 10/10

English 9/10

## HOBBIES

Baking cakes 10/10

Only skill I would give myself a 10

Video games 8/10

Don't worry, it's not World of Warcraft or LoL

Pets 6/10

Anything fluffy that doesn't come from Australia

DIY 5/10

When other people can't do it for me

Football 1/10

Still very bad at it but working on it

## WHO AM I?

Self-taught Full-Stack Developer and entrepreneur with a strong foundation in backend engineering and a proven track record of delivering end-to-end web solutions across diverse industries. Combines deep technical expertise in NestJS and PostgreSQL with hands-on experience in frontend development (Vue.js), CI/CD pipelines, and web analytics — bridging the gap between engineering and business strategy.

Founder & CTO of FitHere, a sports community management platform built entirely from the ground up, demonstrating the ability to own a product from conception through to market launch.

## WORK EXPERIENCE

### NOV 2024 – PRESENT

Founder and CTO — FitHere · Sport Events Software

A sport-community platform enabling organizers to create events, build local communities, and grow sports ecosystems around a city + sport centric model.

#### PRODUCT & BUSINESS

- Defined product vision, roadmap, and go-to-market strategy; prepared pitch deck and led investor discussions
- Acquired early users and designed the initial sales funnel and conversion strategy
- Collaborated with Product and Design teams to translate user needs into technical requirements

#### TECHNICAL LEADERSHIP

- Designed and built a scalable Nx monorepo from the ground up, delivering five production apps from a single shared codebase: a public website (Astro), mobile-first web app (Vue.js 3 + Capacitor), REST API (NestJS), admin dashboard, and async worker for background jobs (BullMQ + Redis)

#### KEY ACHIEVEMENTS

- Architected a multi-platform monorepo with full code sharing across apps and libs (types, UI, locales, utils)
- Built a secure authentication system with HttpOnly cookie-based JWT, token refresh, and Firebase Auth integration
- Designed a real-time notification pipeline: in-app, email, and push — with batching, delivery tracking, and user preferences
- Developed a community and event management system with participant registration, lineup tracking, and organizer alerts
- Established CI/CD with Docker, automated migrations (Prisma), and secret management via Doppler
- Integrated AWS S3 for media storage and optimized API performance with Redis caching

TypeScript Vue.js 3 Tailwind CSS ShadCN NestJS PostgreSQL Prisma ORM Astro  
 Capacitor Docker Nx BullMQ Redis AWS S3 Firebase Auth

### AUG 2023 – NOV 2024

Backend Developer — ITDM Group · ERP Solution for a Construction Company

Served as one of the main backend developers on a full-scale ERP platform covering logistics, HR, construction site management, invoicing, and the full supplier/customer/employee/vehicle lifecycle.

- Architected the entire database schema and data model to support a complex, multi-domain business application
- Engineered 50+ NestJS modules — including entities, DTOs, resolvers, and services — following clean architecture principles throughout
- Designed and implemented all GraphQL queries, mutations, and input types, providing a consistent and efficient API contract for frontend consumers
- Acted as the primary API contract owner, collaborating closely with frontend developers to shape and adapt backend responses to UI requirements
- Conducted code reviews on peer merge requests, enforcing code quality standards and architectural consistency across the team
- Drove backend refactoring initiatives, leading dedicated meetings to align the team on technical debt reduction and structural improvements

NestJS GraphQL PostgreSQL TypeScript

### APR 2022 – MAY 2023

Fullstack Software Engineer — Trusty · HR Recruitment Product

Contributed to the conception and development of a new HR recruitment platform from the ground up, spanning database design, API architecture, and a reactive frontend interface for company administrators.

- Designed and implemented the full MongoDB database architecture, defining all schemas to support the recruitment domain's data model
- Built a RESTful Node.js/Express API serving as the communication layer between the backend and frontend applications
- Developed a reactive administration interface for client companies using Meteor and Vue.js, handling both backend logic and frontend rendering
- Owned end-to-end delivery across the full stack, from data layer through to user-facing features

MongoDB Node.js Express.js Meteor Vue.js

### JAN 2012 – JAN 2022

WordPress Developer & Google Analytics Consultant — Freelance

- Authored commercial proposals and functional specifications for web projects, translating complex client business needs into clear technical requirements
- Built responsive frontend interfaces using Vue.js and custom WordPress themes, ensuring cross-device compatibility and optimal user experience
- Developed custom WordPress plugins to extend platform capabilities and meet specific client requirements
- Maintained, secured, and optimized WordPress websites, including performance tuning, vulnerability patching, and uptime monitoring
- Managed web hosting infrastructure and domain configurations for multiple concurrent client accounts
- Designed measurement frameworks and KPI dashboards aligned with client business objectives
- Implemented tagging plans using web analytics tools, ensuring accurate and reliable data collection
- Conducted web analytics audits and enforced quality assurance processes to guarantee data integrity

#### NOTABLE CLIENTS

Cdiscount / Greenyellow · Le Bon Coin · Monitorank · Médecin Direct · Presanse · Groupe Fournier (Mobalpa / So Coo'c) · Fastbooking SAS (Groupe Accor) · Alphalyr · EDF · UniPresse · Paris 20 · Région de Bourgogne · Ville de Dijon · Paderborn University · École Intuit Lab · Pôle France Football Américain · Reporters Without Borders · CIVP

WordPress Vue.js Google Analytics PHP

## EDUCATION

### 2010 – 2011

International Studies Certificate

Liverpool Hope University

MSc, Business Administration and Management

### 2005 – 2010

MSc System Information Management

IAE Lyon

Management, Information Systems