

Kevin Baillergeau

Full-Stack Software Engineer

Full-stack software engineer with 3+ years of product engineering experience and a strong systems background. I have worked in both highly regulated institutions and fast-moving product teams. I value reliable software, pragmatic decisions, strong ownership, and collaborative teams.

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TECHNICAL SKILLS

Languages:	TypeScript, JavaScript, Ruby, SQL
Frontend:	React, Next.js, Tailwind CSS, TanStack Query
Backend & Databases:	Ruby on Rails, NestJS, REST APIs, tRPC, PostgreSQL
Observability:	Datadog, Sentry
Infrastructure & CI/CD:	Docker, Kubernetes, Helm, Flux, GitHub Actions
Spoken Languages:	French (Native), English (Business), Japanese (Beginner)

WORK EXPERIENCE

Self-employed

Jul 2025 - Jan 2026

Freelance Software Engineer

- Built a React and NestJS internal management platform for a construction company, covering invoice management, multi-site expense tracking, operational dashboards, and employee assignment workflows.
- Replaced spreadsheet-heavy planning and reporting processes with centralized data entry, aggregation, and decision-support screens for business stakeholders.
- Owned requirements, implementation, and delivery directly with non-technical stakeholders, balancing usability, data quality, and maintainability.

In The Memory - VusionGroup

Aug 2022 - Apr 2025

Full-Stack Software Engineer

- Developed and maintained data-driven SaaS products for the retail industry using React, TypeScript, Ruby on Rails, REST APIs, and PostgreSQL.
- Worked in a modular Ruby backend using dry-rb and rom-rb patterns to support business logic, persistence, and API workflows.
- Built dashboards, data tables, filters, and analysis screens for comparing retail performance by product, store, category, typology, and time period.
- Contributed to modules supporting retail business decisions such as assortment, shelf placement, pricing analysis, and discount strategy.
- Collaborated with Product Managers, Designers, and Data teams on feature scoping, implementation, and production delivery.

CEA - French Alternative Energies and Atomic Energy Commission

Oct 2020 - Jul 2022

Systems Engineer

- Operated mission-critical infrastructure in a highly regulated environment with a focus on reliability, security, and operational continuity.
- Maintained system capability, production readiness, and access/security controls for sensitive technical platforms.
- Participated in architecture evolution and provided Level 3 support for sensitive and mission-critical systems.

CEA - French Alternative Energies and Atomic Energy Commission

Feb 2020 - Aug 2020

HPC Storage Engineer

- Evaluated Lustre features and deployment approaches for open-source parallel filesystem clusters on supercomputing environments.
- Developed deployment scripts for Lustre clusters and investigated bugs in open-source storage software.
- Worked on performance, scalability, and reliability concerns across HPC storage systems.

EDUCATION

Universite Paris-Saclay - France

Master of Computer Science, Systems Architecture

2018 - 2020

Bachelor of Computer Science, Systems & Networks Administration

2015 - 2018