



# Philippe Beaudequin

## Senior Software Engineer & Architect

20+ years building large-scale distributed systems. Currently at Back Market, designing scalable backend services in the Checkout domain with Python and FastAPI. Previously at Datadog on the Logs product, and 16 years at Amadeus as architect and engineering manager for airline-critical systems serving millions of transactions daily. Enthusiastic adopter of LLM-powered development tools – leveraging AI assistants daily to multiply my engineering output and shift my focus toward product thinking and system design. Passionate about sustainability in tech, self-hosting, and the mountains.

## Contact

### Phone

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### Address

23 chemin des combes  
06650 Le Rouret

## Education

2006

### Engineer

Arts et Métiers ParisTech

## Expertise

- Architecture
- Critical Thinking
- Python/Java/C++
- Agile methodologies
- Cloud Computing

## Language

English

French (native)

## Experience

- 2024 - Present**                      Back Market | Remote from France  
**Senior Software Engineer**  
 I'm a senior backend engineer at BackMarket, driving high-impact initiatives across engineering, product, and business. I focus on scalable system design using Python and FastAPI, with a strong emphasis on performance, observability, and clean architecture. I lead service extractions in the Checkout domain and contribute to data-driven incident detection. Lately, I've been exploring how AI can boost developer efficiency and support customer-facing innovation, aligning technical depth with business outcomes.
- 2022 - 2024**                              Datadog | Remote from France  
**Senior Software Engineer**  
 Individual contributor focused on the Logs product. I am responsible for designing, developing, and evolving key features within Datadog's Logs products. My role involves operating and maintaining services at a large scale, ensuring high performance and reliability. I work collaboratively with cross-functional teams to integrate innovative solutions, thereby enhancing product functionality and reliability. My responsibilities also include tackling complex technical challenges in log management, and mentoring team members to foster an environment of technical excellence and continuous learning.
- 2006 - 2022**                              Amadeus | Sophia Antipolis, France  
**Architect**
  - 2 years - System Architect of SAFE train: Overseeing technical direction for a 12-team, 80-person unit. Held end-to-end technical responsibility for enhancing airline revenue and price adjustment processes through an integrated suite of products.
  - 2 years - Itinerary and Availability for Shopping Architect: Architect in charge of large applications which part is deployed in the cloud (GCP & AWS), for itinerary management and availability computation & caching.
  - 2 years - Payment Solution Architect: Architect in charge of payment division, to evolve and stabilize the platform to meet challenging business needs.**Manager**
  - 2 years - Payment Architecture unit manager: in charge of Payment architecture and releasing team with strong focus on platform stability and automation (CI/CD).
  - 3 years - Configuration middleware unit manager: in charge of Amadeus Business Rules development team in the middleware division. This component is integrated in most of Amadeus applications and fuels mission critical products.**Developer**
  - 2 years - C++ Software Developer in Amadeus Business Rules, in Middleware entity. Main contribution : metadata management caching to industrialize airline implementations.
  - 3 years - Customer profile: C++ Software developer on Customer Profile product. Main contribution : publication engine to keep profiles in sync between different GDS and tools.
- Before 2006 - Internships**
  - Safran (10 months): monitoring modernisation in a foundry workshop focused on aircraft engine blades.
  - France Telecom (4 months): Documentation generation from a scheduler.
  - STMicroelectronics (4 months): I became part of the team responsible for maintaining the Tungsten deposit unit within a cleanroom environment.