

## LOCATION

Paris area, France

## PHONE

+33 7 69 52 77 59

## EMAIL

beetswouter@gmail.com

## WEBSITE

beets.cloud

## PRINCIPLES

Systems should be inspectable, not magical.

Event history matters more than current state.

AI should augment workflows, not replace thinking.

Simplicity beats abstraction.

## FOCUS

Practical AI systems

Product-platform strategy

Legacy modernization

Event-driven architecture

Inspectable systems

Codebase exploration

Payment platforms

Team architecture

Go systems

RAG and LLM tooling

Privacy-conscious AI

English / French / Dutch

## EDUCATION

### Grande École Numérique

SEPTEMBER 2013 - 2016, RNCP LEVEL 1

École 42

### Communication and Multimedia Design

SEPTEMBER 2007 - 2008

Hogeschool van Amsterdam

### Engineering, Design and Innovation

SEPTEMBER 2006 - 2007

Hogeschool van Amsterdam

# WOUTER BEETS

## AI SYSTEMS, NOT DEMOS

CTO-level product & platform leadership

Most AI efforts in companies stay at the demo stage. I focus on turning them into real systems people use daily. I work across product, platform, and teams: rewriting legacy systems, aligning architecture across 100+ engineers, and building tools that make codebases explorable, content scalable, and teams faster.

## SELECTED IMPACT

- Rebuilt a healthcare platform from legacy PHP into a Go/React system across patient, therapist, and back-office products.
- Led a 20-person product and engineering organization through delivery, hiring, process, infrastructure, and cost decisions.
- Built internal AI systems for SEO, editorial work, and engineering codebase exploration.
- Aligned backend architecture and engineering principles across 100 developers and 20 teams at leboncoin.
- Re-architected payment systems around event-driven APIs, Kafka, and multi-provider integrations.

## EXPERIENCE

### Chief Technology Officer (CTO)

2022 - 2024, PARIS, FRANCE

#### La Clinique E-Santé

Led product, platform, payments, AI adoption, and a full migration from legacy PHP to Go/React for a healthcare business.

### Staff Engineer - Payment Platform

2021 - 2022, PARIS, FRANCE

#### leboncoin

Defined architecture for a high-scale peer-to-peer payment platform used by one of France's largest marketplaces.

### Lead Developer

2019 - 2021, PARIS, FRANCE

#### leboncoin

Aligned backend architecture, engineering culture, and decision-making across 100 developers and 20 teams.

### Backend Developer

2017 - 2019, PARIS, FRANCE

#### leboncoin

Migrated to a distributed, event-driven payment system integrating multiple providers, improving scalability and reliability.

### Fullstack Developer

2015 - 2017, PARIS, FRANCE

#### Artefact

Developed real-time insights platform using ML algorithms for marketing strategy and user behavior analysis.

# PROJECTS

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## **MindPalace - local-first AI system**

*A desktop AI assistant built in Go, designed around event sourcing instead of stateless prompts. It captures and structures interactions over time, supports real-time transcription, and allows extensible plugins for task execution. Goal: move from "chat with an LLM" to "build a system that remembers and evolves."*

[github.com/Wouterbeets/mindpalace](https://github.com/Wouterbeets/mindpalace)

## **Fruir - event-sourced AI partner**

*A Go/Wails desktop system for a persistent AI collaborator with durable memory, branchable workspaces, initiatives, heartbeat jobs, seed export/import, replay receipts, and local-first execution boundaries. It turns the assistant from a chat window into an inspectable runtime.*

[github.com/Wouterbeets/frui](https://github.com/Wouterbeets/frui)

## **Knowledge Seed Protocol**

*An open protocol proposal for sharing replayable evidence between sovereign AI systems. Seeds carry events, lineage, projectors, and receiver-controlled interventions so knowledge can be inspected, adapted, and trusted without centralizing it into one platform.*

[github.com/Wouterbeets/knowledge-seed-protocol](https://github.com/Wouterbeets/knowledge-seed-protocol)

## **CuBFF Culture - emergent shared memory**

*A C++/CUDA research fork exploring whether self-modifying program soups can evolve a public cultural memory layer. Adds BookWorld sequence pressure, shared-field reads/writes, replay artifacts, and experiments that reached roughly 69-72% next-token accuracy on the default corpus.*

[github.com/Wouterbeets/cubff-culture](https://github.com/Wouterbeets/cubff-culture)

## **Emera - evolutionary language dynamics**

*A Python research prototype for non-gradient language traversal. It models text as a book-world where super-tokens emerge through energy economics, silence credit, rarity-scaled rewards, and cooperation rather than backpropagation or attention weights.*

[github.com/Wouterbeets/emera](https://github.com/Wouterbeets/emera)

## **Go portfolio and publishing platform**

*A small Go/templ system for publishing, CV rendering, host-based routing, admin tooling, and simple systemd deployment. Built as a practical base for fast iteration on positioning, content, and job-market experiments.*

[github.com/Wouterbeets/profile](https://github.com/Wouterbeets/profile)