

Arnaud Deveugle

arnaud@afosteri.com · +32 476 43 96 28 · arnauddeveugle.com ·
linkedin.com/in/arnauddeveugle · 23 October 1989 · Merelbeke, Belgium



PROFILE

AI Strategy & Transformation Lead who turns business strategy into shipped software. After 5+ years founding and running an HR Tech startup, I start from the business process, decide where AI belongs, and then ship it myself by directing AI coding agents, from autonomous agents to full-stack internal tools.

EXPERTISE

AI EXECUTION

- Agentic Workflows
- Prompt Engineering
- Retrieval-Augmented Generation (RAG)
- AI Opportunity Assessment
- Rapid Prototyping
- Test-Driven Development

TECH STACK

- Claude Code / Anthropic API
- React / Next.js
- TypeScript
- Tailwind CSS
- Framer Motion
- Node.js / Python
- FastAPI
- Vector Databases
- API Proxy & Security Routing
- Jest / RTL
- n8n
- Zapier

AI TRANSFORMATION

- AI Strategy & Roadmap Design
- Change Management
- Business Model Evolution
- AI Governance & Privacy
- Cross-functional Leadership
- Stakeholder Management
- AI Best Practices

VENTURE ARCHITECTURE

- Product Management (SaaS)
- Analytical Thinking (ir.)
- Operations Research
- UX/UI Product Strategy
- Fundraising & Investor Pitching

LANGUAGES

- | | |
|---------|---------|
| Dutch | Native |
| English | Fluent |
| French | Average |
| German | Average |

EXPERIENCE

BattMobility & MobilityOS · Ghent, BE 2025 - 2026

Head of Strategy & Innovation

- Re-engineering the core architecture for the fleet management platform, aligning infrastructure with product strategy.
- Developed a secure full-stack support app and a custom backend proxy for external call centers, ensuring isolated data access.
- Deployed multiple high-impact internal AI applications to automate operational bottlenecks and repetitive workflows.

Karamel · Ghent, BE 2019 - 2024

Founder & CEO (acting Product Manager)

- Founded the HR-tech start-up, while acting as lead PM for the end-to-end UX/UI strategy and scaling to 800+ companies and 5k+ users.
- Spearheaded the data architecture to launch the world's first commercial platform utilizing decentralized SOLID data pods.
- Architected advanced financial cash-flow models and secured top spots at high-profile startup investment pitching events.

Securitas · Brussels, BE 2016 - 2017

Solution Manager (M&A Integration)

- Created joint B2B tech-enabled value propositions following the strategic acquisition of tech company Zenitel.
- Assisted in the innovative launch initiative of Securitas' first autonomous tethered drone surveillance system.

Dstny · Brussels, BE 2013 - 2016

Product Manager

- First Product Manager in a hyper-growth SaaS scale-up; designed core product governance frameworks from scratch.
- Created a highly successful, standardized off-the-shelf SaaS package for SMEs, owning pricing and GTM execution.
- Established a white-label wholesale partnership and optimized the internal sales-to-delivery handoff workflows.

EDUCATION

Ghent University

Master of Science (ir.) Industrial Engineering and Operations Research
September 2010 - June 2012 · Ghent, BE

Five products shipped with AI-assisted development in 2026 so far.

01 Support Platform

BUILD TIME · 1.5 MONTHS

Used daily by **15+ external call center agents** to resolve urgent incoming support cases, without ever touching core systems. When a customer calls, **all the context of that user is displayed** and quick actions are visible for fast resolution. A separate backend proxy isolates all database access and API calls, **enforcing strict data isolation**. The platform is fully **multi-language** and includes a fully isolated staging environment to train new agents safely, without any risk to live systems.

 Claude Code React FastAPI API Proxy Multi-language Staging Environment

02 Visual Workflow Builder

BUILD TIME · 1 MONTH

With **30+ custom workflows live in production**, this internal builder standardizes complex support processes across the organization via drag-and-drop. Custom node types reflect real business operations, making domain-specific workflow creation fast and accessible. Workflows can also be **auto-generated from plain text using AI**. Every workflow exports as **structured JSON, ready to be consumed by AI agents**, making it a foundation for future automation. Replaced hours of manual script lookup with a structured, auditable decision layer.

 Google Antigravity React React Flow Prompt-to-Workflow

03 Self-Compiling Company Wiki

BUILD TIME · 3 WEEKS

Eliminates manual documentation entirely by autonomously compiling company knowledge from raw sources (PDFs, Markdown, JSON). A 6-step compiler pipeline summarizes sources, extracts entities, builds a **typed knowledge graph**, writes interconnected articles, and links everything with cross-references. Users can flag errors or gaps in plain language via a snippet system; the AI finds the right article and updates it automatically. The wiki is queryable via **dedicated APIs with persona-based responses**, serving tailored answers to internal employees, customers, or any defined role. Multi-language, with hybrid AI search and full version history.

 Claude Code Knowledge Graph Hybrid AI Search Persona API Multi-language RAG

04 Custom AI Wiki

BUILD TIME · 1 DAY

Built in a single day, this personal knowledge base has compiled **287 content pages from 52 sources** across 7 weeks. Dedicated skills handle 6 content types end-to-end: GitHub repos, YouTube videos, web articles, X posts, PDFs, and HTML. Unlike RAG, it uses an **LLM-as-compiler paradigm**: raw sources stay immutable while Claude distills them into structured pages, a navigable knowledge graph, and cross-source synthesis analyses. A three-tier retrieval system resolves most queries **without opening more than 5 files**.

 Claude Code LLM Compiler Knowledge Graph Obsidian Claude Code Hooks

05 My personal website

BUILD TIME · 2 DAYS

A **professional CV website built in 2 days** using AI-assisted development. Features smooth animations, a dual dark/light theme, and a responsive layout built to production standards, including a full test suite and accessibility support. A hands-on demonstration that the skills described on this page **translate directly into shipped product**.

 Claude Code Next.js 16 TypeScript Tailwind CSS v4 Framer Motion Jest / RTL