

Antoine Veber

AI & Full-Stack Software Engineer

As a software engineer specializing in applied AI, I design and deploy LLM/RAG systems in production, including a chatbot that resolves customer support tickets autonomously. I have also independently built and launched several SaaS products, taking responsibility for their architecture, development, and operation.

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EXPERIENCE

AI Engineer · INCERT GIE

September 2025 – Present

Luxembourg public agency · digital identity & cryptography

- Cut client support workload by ~30% by designing and deploying a RAG chatbot that resolves tickets end to end, held to a public agency's standard: exact, sourced, and traceable answers.
- Ensured reliable answers on sensitive data by engineering retrieval pipelines combining LLMs, a Qdrant vector database, and internal knowledge bases, with validated corpora, controlled sources, and continuously evaluated precision.
- Kept model inference dependable in production (real-time API traffic, document ingestion) with Python/FastAPI services built to the security and confidentiality standards of a certified environment (ISO 27001, eIDAS).

Project Manager & Full-Stack Developer · UNEXDRIVE

July 2024 – September 2025

Automotive analysis platform · European marketplaces

- Delivered a car-listing aggregation platform in production for paying clients by driving the full product lifecycle: technical roadmap, architecture decisions, team coordination, and launch.
- Eliminated 100% of manual data processing by automating marketplace scraping and data workflows with Selenium and FastAPI.
- Built React/TypeScript frontends and GraphQL/PostgreSQL backends for client production workloads.
- Prioritized new features against live marketplace data, contributing to client acquisition and retention.

IT Architect · PwC

February 2024 – July 2024

Global consulting firm · one of the Big Four

- De-risked cloud migration timelines for major accounts by auditing 1,000+ on-premise dependencies and building prioritized migration roadmaps.
- Secured C-level approval of transformation budgets by producing architecture diagrams and process models (Sparx EA, Visio, BPMN, EPC).
- Reduced reporting overhead by ~40% by automating reporting workflows (Excel VBA) and building Power BI dashboards.
- Streamlined business–IT collaboration by translating business requirements into actionable architecture specifications.

PROJECTS

CardinalMail · Ambidrive

Micro-SaaS I built and operate in production: AI-powered Gmail organization with smart categories, custom rules, and email analytics, monetized through Stripe subscriptions.

React · TypeScript · Stripe · Gmail API · LLM

ElucidaBMS · Ambidrive

CRM/ERP for digital agencies, sold to clients and explorable through a one-click live demo: 360° project pipelines, client CRM with VAT location, Factur-X-compliant quotes and invoices, a client portal with messaging, calendar with iCal export, and financial dashboards.

React · TypeScript · React Router · i18next · GSAP

RAG Support Chatbot · INCERT

Production chatbot that resolves ~30% of client support tickets end to end, with no human intervention. Retrieval pipelines combine LLMs, Qdrant vector search, and internal knowledge bases, served by Python/FastAPI inference services.

Python · LangChain · Qdrant · TensorFlow · Docling · FastAPI

Car-Listing Aggregation Platform · UNEXDRIVE

Car-listing aggregation platform in production for paying clients. Automated pipelines continuously collect offers from major European marketplaces (mobile.de, AutoScout24, leboncoin), providing cross-country price insights on specific models, with 100% of manual data processing eliminated.

React · TypeScript · GraphQL · PostgreSQL · FastAPI · Selenium · Proxmox

Cloud Migration Program · PwC

De-risked cloud migration timelines for major accounts: audited 1,000+ on-premise dependencies, built prioritized migration roadmaps, and produced C-level-ready architecture documentation with Sparx EA, BPMN, and EPC.

Sparx EA · BPMN · EPC · Power BI · Excel VBA · C# · Java

SKILLS

AI & Machine Learning

Python, LangChain, RAG, LLM, TensorFlow, NLP, Qdrant, Docling

Backend

FastAPI, Node.js, TypeScript, PostgreSQL, REST API design, Data pipelines

Frontend

React, TypeScript, HTML/CSS

Cloud & DevOps

Docker, CI/CD, Proxmox, Cloud migration, Git

Data & Automation

Selenium, Web scraping, Power BI, Excel VBA

Enterprise Modeling

Sparx EA, BPMN, EPC, Visio, C#, Java

EDUCATION

Master's Degree · Computer Science (EQF 7)

EPITECH, European Institute of Technology · 2024–2026
Paris, France

Bachelor's Degree · Computer Science (EQF 6)

EPITECH, European Institute of Technology · 2021–2024
Strasbourg, France

LANGUAGES

- Native French speaker · English C1

MOBILITY

- EU citizen · open to relocation & remote worldwide