

Antoine Horiot

FULL-STACK ENGINEER
AGENTIC DEVELOPMENT

CONTACT

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STATUS

Le Locle (NE), Switzerland
Born 18 April 1992
French citizen
Swiss L permit
B permit expected 2027
On-site, hybrid or remote

AGENTIC DEVELOPMENT

`Claude Code` `Codex` `Pi` `MCP servers` `Custom skills` `Multi-model review` `Cost-based routing` `Guardrails`

LANGUAGES

`TypeScript` `Rust` `Python` `SQL` `Liquid`

WEB & INFRA

`SvelteKit` `Next.js` `Astro` `three.js` `Cloudflare` `Postgres` `Supabase` `Stripe` `Shopify` `WASM` `PWA`

LANGUAGES

French: native
English: B2, professional working proficiency

EDUCATION

DUT in Computer Science (2-year degree)
IUT de Vannes · 2011–2013

> Full-stack developer. I ship complete products (scoping, design, code, go-live) by orchestrating AI agents. The agents write, tests and guardrails verify, and I make the calls. Eleven years in a small business taught me to start from the real work, not from the tool.

EXPERIENCE

Founder, developer & designer

Feb 2026 – present

Horiot Studio · freelance · France & French-speaking Switzerland

- **Murdeau**: full platform rebuild, with a showcase site, a 3D volume configurator that encodes the physical rules of the product, a Stripe checkout and a back office (stock with threshold alerts, geolocated distributors), 347 tests.
- **BA111OD** (watchmaking): internal sales PWA used by the sales team at trade fairs, with Shopify catalogue import, 3 server-enforced roles and branded PDFs. Custom Shopify sections and a scroll-driven launch page (Chapter 4).

`Next.js · SvelteKit · Astro · TypeScript · Supabase · Postgres (Neon) · Cloudflare Workers, D1, R2 · Stripe · Shopify · three.js`

Generalist, web development & design

Sep 2014 – Feb 2026

Murdeau · modular rainwater harvesting tanks · Quimper, France

- Several generations of business simulators (storage volume, catchment capacity, sizing), used by customers to plan their project and by the team to prepare quotes.
- murdeau.bzh website and online shop, automation scripts, visual identity and technical documentation.
- In the field: customer advice by phone and at trade fairs, installations, order preparation, bookkeeping.

Founder of cvdesign.fr

Mar – Sep 2014

CV Design · freelance

Web developer intern

Sep 2013

Lons-le-Saunier Hospital

AI PROJECTS & PRODUCTS

Provefab · Rust · open source
Turns GitHub issues into pull requests verified by tests and reviewed by a model from another provider, routing each step to the cheapest capable model and guarding every agent tool call. **25 merged PRs** on its own repository, with cost and checks logged in each PR. 831 tests.

VigiChantier · Rust (axum), Postgres
Live SaaS for construction companies (`vigi-chantier.com`): Météo-France data, PDF reports (Typst), payments, push notifications. **522 tests**. Database compute hours cut by more than 70x with a cache of public reads.

Vault Tools · MCP server · Rust, WASM
Over 40 file tools running 100% in the browser. The MCP server `@vaulttools/mcp` exposes **59 tools** to AI agents: **1,664 npm downloads**, 14 releases.

`Also: QuantLab and Riptide, order book replay and live order book reading (Rust, Python).`

METHOD

- **Driving**: from the terminal with Claude Code, Codex and Pi (2,620 Claude Code sessions from January to July 2026), on Anthropic, OpenAI or open models (Qwen) depending on the task.
- **Tooling**: official or self-written skills and MCP servers only, never pulled from the web, so a client project is never exposed to prompt injection.
- **Control**: validation, final design and binding decisions stay with me. The AI proposes, I decide.

INTERESTS

Surfing · hiking · video games

REFERENCES

Murdeau and BA111OD, available on request.