

Guillaume Couillard.

Computer engineer · Normandy, France

guillaume-couillard.com

I build things that have to hold up.

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Computer engineer in Normandy, France. Twenty years in information systems, from the automotive industry to public health. What I build: code, sites in the cloud, renovations, and even a passive, energy-positive house. Two intelligences at work: the artificial one, and the emotional one that decides whether what we ship gets used. I document what I learn by building.

FOUR DOMAINS, ONE METHOD

The domain changes, the method does not: I arrive without the local trade, I learn it, I build, and the result ships to production.

BUILDING · 2015 → 2018
Learned : **Revit and digital modelling**

n50 = 0.20

A passive house redrawn in full in 7 weeks, permit filed myself and granted. Final balance ~12.3 kWhep/m²/yr: energy-positive on the record.

RENOVATION · 2019 → 2026
Learned : **costing and running a building site**

4 properties, 8 years

Renovated and let in relay, without a single month of gap between them. In one batch of 5 quotes, 2 errors found just by retyping them into a table.

HOSTING · SINCE 2016
Learned : **operations and guest relations**

4.95 / 5

Ten years running, 353 reviews, 100% response rate under an hour. The three scores that depend on operations sit at 5.0/5.

COMPUTING · SINCE 1997
Learned : **tooled AI agents**

0 third-party requests

From a production line controller to a national information system. This site and this PDF come out of the same build-blocking verification harness.

EXPERIENCE

since 2003	Information system support, level IVB, the highest tier of the job framework French National Health Insurance (CNAM) · Caen Level-2 support of the national information system: several domains, the complex cases, technical expertise for a wider team and for internal and external partners.
2003	Two weeks in engine control unit design Bosch · near Paris
2002	Six-month Diplomarbeit, body R&D Porsche AG · Weissach, Germany Specifying a knowledge base on the corporate portal: capturing know-how and making it available at the right stages of the product lifecycle. Java, Oracle 9i, three-tier architecture. Workshops run in German.
2001	Testing and documenting a satellite antenna management system ND SatCom, EADS group · Friedrichshafen PHP and Oracle, on Sun Solaris.
2001	Analyst-programmer: quoting and invoicing Blücher HKT · Reichenau A complete project, from requirements study to user training.
2000	Interfaces between merchant sites and price comparison engines LeGuide.com · Angers, France PHP and MySQL.
1999	Management software talking to an industrial controller Renault Véhicules Industriels · Normandy Requirements, development, documentation.
1997 → 1998	Industrial beginnings: controllers, production lines Dairy industry, Normandy · automotive supplier Programming controllers, maintenance, electrical work; then a custom automated machine designed and commissioned by a team of seven, as a final-year project.

EDUCATION

2002	French engineering degree (diplôme d'ingénieur), Computer Science and Telecommunications Networks, ESAIP, Angers. Ranked 3rd of 25.
1999	Post-diploma ICSISA: interfacing computing systems and automated systems. Institut Lemonnier, Caen.
1998	Two-year technical degree (BTS), Mechanical Engineering and Industrial Automation. Institut Lemonnier, Caen.
1996	Technical baccalaureate, Mechanical Engineering, automated systems option.

LANGUAGES

French · native
English · TOEIC 895/990; ten weeks studying in Liverpool
German · reading and listening; one year in Germany and workshops run in German at Porsche, no practice since

IN PRODUCTION TODAY

Tooled AI agents (Claude Code, MCP), build-blocking verification harnesses, Astro, Cloudflare Workers, Node.js, Python, Git.