$ whoami — Labeaume (Ardèche), France · remote

Damien Duboeuf

Software architect · Lead full-stack developer · CTO · DevOps

I design the shape of a system, then build it — from a Symfony or Node backend to a Vue, React or Angular front-end, all the way to automated deployment. **18+ years in the trade**, 10+ of them freelance — including CTO of Wheelskeep — on high-traffic rebuilds (interflora.fr, La Maison du Whisky) and architecture work (Enedis, BIMData). I also lead teams: **CTO**, head of engineering, lead dev — mentoring, training, reviews, Agile. What I add on top: **industrialisation** — reproducible environments, CI/CD, a full environment per branch — so a whole team ships faster. And everything I build for myself is **open source**.

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18+	2.9M	95k	1M+
years of experience	Docker Hub pulls	Composer installs (GollumSF)	Minecraft mod downloads

EXPERTISE

Software architecture

Designing whole systems: boundaries, APIs, data model, technology choices. High-traffic rebuilds (interflora.fr, La Maison du Whisky), cross-framework components (Enedis), legacy modernisation.

Full-stack development

Still hands-on: Symfony, Laravel, NestJS on the server; Vue, Nuxt, React, Next, Angular on the client; down to mobile (Android, Capacitor), Rust and C++ firmware.

Leadership & management

CTO at Wheelskeep, head of engineering at Swabbl, team lead on interflora.fr, La Maison du Whisky and Groupe 361. Mentoring, training, code reviews, rolling out Agile (Scrum).

Industrialisation & DevOps

Reproducible environments (Docker), CI/CD (GitLab CI, GitHub Actions), a full environment per branch, AWS, Kubernetes and Portainer deployments. What makes a whole team ship faster.

EXPERIENCE

Freelance since 2015: architect, tech lead or CTO, often taking over an existing codebase, putting it back on modern rails and growing the team's skills.

2015 — now

Software architect / Lead full-stack developer — freelance (own company)

Architecture, technical leadership, DevOps, back-end and front-end development engagements.

- Requirements analysis, technology assessment and choices.
- Architecture design and technical leadership of the teams.
- Front-end (Vue, Nuxt, React, Next, Angular, GraphQL) and back-end (Symfony, Laravel, NestJS) development.
- Automated deployment: AWS, GitLab CI, GitHub Actions, Docker, Kubernetes.

Selected engagements:

Koesio — Kiosk v2 2026 — now

Role : Senior full-stack developer, in the product team
SaaS platform of the Koesio group (business services): customer and reseller portals, billed modules, back-office, and its satellites.

- Front-end (Nuxt / Vue 3, Vuetify, Pinia) and back-end (Laravel 13, PHP 8.5) development.
- Mobile app (Capacitor), browser extension (WXT), Rust / Tauri file-sync client.
- Automated tests (Vitest, Pest, Playwright), merge-request reviews, Kubernetes deployment (Helm, ArgoCD).

`Laravel` `PHP 8.5` `Nuxt` `Vue 3` `Vuetify` `Rust` `Tauri` `Capacitor` `Storybook` `Playwright` `Docker` `Helm` `ArgoCD`

Fiducial — Customer Support Portal 2026 — now

Role : Full-stack developer / application architect
Internal portal that aggregates, for a person or a company, data from half a dozen upstream systems (customer registries, accounts, LDAP, CAS) and lets support staff act on it.

- Designed the upstream integrations and their mocks for local development.
- Symfony 7 API, Vue 3 / Vuetify front-end, Ansible deployment, Sentry monitoring, e2e tests.

`Symfony 7` `PHP 8.4` `PostgreSQL` `Vue 3` `Vuetify` `TypeScript` `Ansible` `Sentry` `Docker`

Giant Consulting — Giant Mega Tool 2026 — now

Role : Sole architect and developer, from design to production
The consulting firm's future CRM, designed and built end to end.

- Automatic conversion of CVs into skills files: AI extraction, side-by-side review, PDF output.
- Telephony replacing Aircall: Android app driving the sales team's phones, call transcription (whisper.cpp), notes written back to the CRM.
- LinkedIn → CRM Chrome extension, prospecting tooling, anonymised production copy.
- Monorepo, GitHub Actions CI, tag-based delivery to Portainer.

`NestJS` `Vue 3` `Vuetify` `PostgreSQL` `Redis` `OpenAI` `whisper.cpp` `Kotlin` `Android` `Gotenberg` `Docker` `GitHub Actions`

EazyDoc 2025 — now

Role : Technical owner (project decision-maker)
Medical practice management software in production (New Caledonia), health data.

- Production maintenance and lead of the Odoo 11 → Odoo 19 migration.
- Scheduling and SMS reminders, patient records, care claims, HPRIM lab results.

`Odoo` `Python` `PostgreSQL` `AWS EC2` `Docker` `Playwright`

Bankin 2026

Role : Front-end developer, Scrum squad
Cashback browser extension of the banking aggregator.

`React` `TypeScript` `Tailwind` `Vite` `Chrome / Safari extension`

Wheelskeep Jan 2024 — Feb 2026

Role : **CTO** — technical direction, architect and principal lead developer
Improved the core application and moved the legacy code to modern, industrialised technologies.

- Defined the technical strategy and target architecture.
- Progressive migration to TypeScript / Node.js, Vue 3 and AWS Lambda serverless functions.
- Industrialisation: Docker, GitHub Actions CI/CD, AWS DevOps.

`TypeScript` `Node.js` `Vue 3` `AWS Lambda` `Serverless` `Docker` `GitHub Actions` `AWS`

La Maison du Whisky with Clever Age Nov 2022 — Dec 2023

Role : Architect / lead developer

Complete rebuild of the B2B website and industrialisation of the development environment.

- Headless front-end architecture (Next.js, Apollo / GraphQL) and Storybook component library.
- Led the development team; Docker environment and GitHub Actions CI.

`TypeScript` `React` `Next.js` `Storybook` `Apollo` `GraphQL` `Docker` `GitHub Actions`

Enedis Jan — Nov 2022

Role : Architect / lead developer

Created a native yet cross-technology component technology: one codebase usable in Vue, React and Angular.

`TypeScript` `Web Components` `Vue.js` `React` `Angular` `Storybook`

Probikeshop Jul 2021 — Jan 2022

Role : DevOps

Automated tests and deployment, plus a complete instance of the application spun up for every branch.

`GitLab CI` `Bash` `Symfony` `MySQL` `Docker`

interflora.fr with Insign Aug 2020 — Jul 2021

Role : Architect and team technical lead

Complete rebuild of interflora.fr on Nuxt / GraphQL.

- Architecture and technology choices.
- Managed and trained the development team.
- Advised on the technical direction.

`Nuxt` `Vue.js` `TypeScript` `GraphQL` `MySQL` `Docker`

Groupe 361 2020 — 2021

Role : Lead developer

Very high-traffic emailing platform; data analysis and visualisation.

`Angular` `Symfony` `MySQL` `Docker`

BIMData Jan 2019 — Aug 2020

Role : Front-end architect

UI of the 3D BIM model player, and an embeddable module (Google Maps style) to drop it into other websites.

`Vue.js` `TypeScript` `WebGL` `Docker`

2016 — 2017

Head of engineering / Lead developer — Swabbl

Industrialised development practices, testing and the DEV / PREPROD / PROD environments.

- Took over the existing product.
- Managed the engineering team and introduced Agile (Scrum).
- Optimised and industrialised development practices.
- Built new back-end and front-end features.

`Symfony` `jQuery` `Git` `Docker`

2016

Senior software engineer / Full-stack — Proximedia

Designed and built applications front to back; analysed and chose the technologies to integrate.

- Chose the technical solutions.
- AngularJS and Material Design front-end development.
- Back-end API development.

HTML5 AngularJS Symfony 2 Java Git Docker

2013 — 2016

Software architect — Glowbl

Designed and built the glowbl.com application, back-end and front-end.

- Functional analysis, technology analysis and choices.
- Designed and built new features.
- Front-end development, mobile and tablet support (responsive, HTML5).

Node.js Symfony JavaScript AJAX HTML5 Java

2011 — 2013

Software engineer — Norsys

PHP / JavaScript / HTML5 consulting for clients such as Orange, Grand Lyon Habitat, M6 Web and Foederis.

- **Foederis** (2012-13): designed and built an HTML5 / JavaScript toolkit that generates rich web UIs; mobile and tablet support, design integration.
- **M6 Web** (2011-12, French TV group): maintenance of the group's video tools and sites; performance work on high-traffic sites (video platform and CDN); evolution of the application architecture across interconnected sites.

PHP 5 MySQL JavaScript HTML5 Symfony Java Web services Linux

2010 — 2011

Software engineer — Loyal Touch (Global Technologies)

Evolution and maintenance of high-traffic e-commerce sites; advice on the DEV / PREPROD / PROD organisation.

- Web platform performance optimisation.
- Rolled out Subversion and development practices; trained and supervised the team.
- Zend Framework, Magento and JavaScript development.

PHP 5 Zend Magento MySQL PostgreSQL SVN Mantis

2009 — 2010

Software engineer — Groupe Belink (MTPI)

Business web applications, CMS-based and e-commerce sites: from functional specs to production.

- Designed and built the group intranet and its data model.
- Direct client relationship.

PHP 5 Symfony Zend Copix Magento MySQL JavaScript

2007 — 2008

Web developer (work-study) — Alptis Assurances

Internal business applications and the Alptis website.

- XML form generator, custom WordPress plugins.
- XHTML / W3C standards, technical and functional documentation.

PHP 5 Copix WordPress MySQL Oracle SVN Trac

2006 — 2007

Developer — Grenoble university lab

Re-engineered a linguistic disambiguation engine (machine translation) from LISP to Java.

Java LISP

PERSONAL PROJECTS

Complete products, designed, built and hosted end to end.

TeamBudd.io — WebGL · 3D

Online multiplayer 3D game, playable right in the browser. Built about ten years ago, when real-time 3D on the web was in its infancy (WebGL brand new, BabylonJS in its early days): game engine, authoritative Node server and real-time network sync written by hand. Featured among the demos on the official BabylonJS website. Being rebuilt on Godot (dedicated server, movement prediction).

`TypeScript` `BabylonJS` `WebGL` `Node.js` `WebSocket` `Godot`

KomgaJS — −70 % RAM

The Komga comics server ported file by file from Kotlin to TypeScript: same API, same database, same UI — 442 twin files so upstream changes carry over diff by diff. 155 MB idle vs 603 MB, 1.6 s start-up vs 11.4 s.

`TypeScript` `Node.js` `Kotlin → TS` `Docker`

smea.tech — blog

My tech blog (Homelab, self-hosting, home automation), in French. WordPress is only the back-office: the public site is exported to static HTML, with home-made cookieless analytics (ClickHouse + Grafana) and CI-built Docker images.

`WordPress` `nginx` `ClickHouse` `Grafana` `GitHub Actions`

Self-hosted tools — Docker

ip-info (local IP geolocation), image-resizer (on-the-fly image variants behind a cache), claim-game-auto (claims free games on Epic, Steam, GOG, Prime), auto-makefile.

`Node.js` `Docker` `MaxMind`

OPEN SOURCE

97 projects published on GitHub, on my account and four organisations, each with its own field. Small pieces that do one job well, published and maintained.

Minecraft mods — GollumTeam — 1M+ downloads

Castle Defenders, More Pistons, Jammy Furniture and the GollumCoreLib modding library, built since 2013 for Minecraft 1.6 to 1.12 and **downloaded more than a million times**. Website smeagol-mods.com with a home-made stats and version-check service; now being ported to 1.20.1 / 1.21.1, along with faithful ports of BuildCraft and Thaumcraft 6.

`Java` `Minecraft Forge` `NeoForge` `Gradle` `NestJS` `ClickHouse`

MQTT Explorer — Docker image — 2.86M pulls

Web, containerised build of the MQTT Explorer client, also shipped as a Home Assistant add-on. The most pulled image on my Docker Hub (2.9M total).

`Docker` `Electron → web` `MQTT`

GollumSF — Symfony & PHP — 95k installs

~24 Composer packages. rest-bundle and rest-doc-bundle (REST API with docs generated from controllers), doctrine-tinyint (66k installs), mjml-binary, entity-relation-setter…

`PHP` `Symfony` `Doctrine`

GollumDom — home automation — ★ 79

Home Assistant add-on repository (MQTT Explorer, OMV2MQTT, Synology2MQTT, Aldes2MQTT, Second Core, OpenThread Border Router…) and native integrations: Aldes ventilation over local Modbus, D-Link switch over SNMP.

`Python` `TypeScript` `MQTT` `Modbus` `SNMP`

GollumJS — TypeScript — lib

Persistent TypeScript annotations, service injection, Vue decorators (`@InOut`, `@Stored` for Vuex), traits, loader utilities.

`TypeScript` `Vue` `decorators`

Hardware & IoT — C++ · ESP

ESP8266 / ESP32 firmware (WiFi IR remote, Electrolux hood, water meter), `*2mqtt` bridges so every device in the house talks MQTT, and an LG TV remote bridged over BLE → MQTT.

`C++` `Arduino` `ESPHome` `MQTT` `Raspberry Pi`

Merged upstream contributions

`home-assistant/core`	MQTT `object_id` option (+ docs)
`jellyfin/jellyfin`	Metadata editor fix for mixed-content libraries
`Koenkk/zigbee-herdsman-converters`	Zigbee2MQTT: data fixes for the Shelly WS90 weather station and Tuya ME201WZ sensor
`MyElectricalData`	Home Assistant discovery for the Linky meter, automated dev environment (6 PRs)
`hacf-fr/meteofrance-weather-card`	Visual editor fix

SKILLS

JavaScript / TypeScript
TypeScript · Node.js · NestJS · Vue.js / Nuxt · React / Next.js · Angular / AngularJS · Svelte · Web Components · GraphQL / Apollo · Storybook · Vite · BabylonJS / WebGL

PHP
Symfony · Laravel · Doctrine · Zend · Copix · WordPress · Magento · API REST / Web services · PHPUnit / Pest

Other languages
Python (Odoo, Home Assistant) · Kotlin (Android) · Rust (Tauri) · Java · C++ (ESP8266 / ESP32) · Bash · SQL

Databases
MySQL / MariaDB · PostgreSQL · Elasticsearch · ClickHouse · Redis · Oracle

DevOps & cloud
Docker / Compose · Kubernetes (Helm, ArgoCD) · AWS (Lambda, EC2, CloudFront, WAF) · GitLab CI · GitHub Actions · Ansible · Portainer · nginx · Vagrant · Linux (serveur) · Mac

Quality
Tests automatisés (Vitest, Pest, PHPUnit, Playwright) · revues de code · Sentry · instance par branche

Methods
Agile (Scrum) · cycle en V · rédaction de spécifications fonctionnelles et techniques

Leadership
Technical direction (CTO) · team lead · training and mentoring · client relationship

EDUCATION

2007 — 2008
Bachelor's degree, Information Systems
IUT A, Université Lyon 1

2005 — 2007
Associate degree (DUT), Computer Science — Software Engineering
IUT 2, Grenoble

2005
Scientific baccalaureate (engineering)
Lycée Notre-Dame de Bel Air

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