Thomas Sihapanya

SENIOR ENGINEER · BACKEND · DATA · AI · LYON, FRANCE + REMOTE

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PROFILE

Developer since 2010, mostly in PHP and Symfony. Backend lead, CTO, then senior engineer, I now work as much on the backend as on the data side of a platform with a million users. I build LLMs into products running in production, publish open source tools and have mentored developers since 2018.

SKILLS

Backend	PHP · Symfony · Laravel · REST APIs · DDD · hexagonal architecture · PostgreSQL · MySQL
Data	Python · SQL · ETL · data quality · Metabase · GA4 / BigQuery · mydumper
AI	LLM integration · n8n · MCP · Claude Code · Ollama
Infra	Docker · Terraform · Nginx · Linux · CI/CD · Keycloak · Grafana · Prometheus · Loki · Sentry
Front & mobile	TypeScript · Next.js · Flutter · Dart · React Native

EXPERIENCE

2025 – present — **Hozana** Senior Software Development Engineer
Community platform with a million users: performance, scalability and everything on the data side.

2023 – 2025 — **HomeServe** Lead Backend Engineer
Backend of HomeServe Pro, the mobile app used by energy renovation professionals.

2023 — **Purconseil** Senior Software Development Engineer
Migrated a legacy codebase towards a DDD architecture while training the team.

2022 — **Yousign** Senior Software Development Engineer
Legally binding electronic signatures: observability and resilience.

2020 — **Ubitransport** Lead Backend Developer
Microservices R&D with Keycloak and a reverse proxy, then PHP lead of a product team.

2019 — **Sherpaa** CTO
Every technical decision, from backend and frontend to project management.

Before 2019 — Lili Smart (2017) · French Army (2017) · Makealink (2014) · Freelance (2010)

MENTORING & TEACHING

One-on-one mentoring of developers since 2018, including with OpenClassrooms: code review, architecture, career guidance. Before that, classroom teaching at WebForce3 and Human Booster.

OPEN SOURCE

mydumper-lint · Author. Linter and fixer for mydumper/myloader configuration files, in Go, with a language server, a VS Code extension and a WebAssembly playground.
mydumper · PR #2359 merged: fixed the preprocessor that made valid configuration files unreadable. Issue #2361: --strict-config option.
Nginx Proxy Manager · PR #5358: grouping hosts into folders.

EDUCATION

Sorbonne Université — Engineering sciences
Université Lumière Lyon 2 — Economics
ENSAE Paris — Data Analyst
Stanford University (Coursera) — Machine Learning

PHP 7 certification · SecNumacadémie (ANSSI) · Startup Weekend Lyon 2011 winner