

Lucas Sifoni

Builds and manages web & internal tooling projects as a freelancer since 2015.

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Teams & collaborations

2020 — now : around the FLOSS library management software [Abelujo](#)
with P. Singer et V. Dardel, expansion of web capabilities of the software

2018 — 2022 : with the [Documents](#) design practice
management, design and development of web & tooling projects

2015 — now : various collaborations
with a network of freelancers in type design, graphic design, programming, network..

Recent projects

2022

- **<to be named>**, no-code/low-code design automation system providing automated documents via design APIs, semi-automated documents with human intervention, and non-automated documents with enforced design constraints.
[7th dec. 2022 talk on this system \(french, 33mn\)](#).

Elixir Typescript ovo2 WIP

- **AbjProxy**, monitoring, indexation, API proxy, and remote-control of web tasks around Abelujo.

Elixir WIP Vue.js

2021

- for **Scalène**, stateless website consuming the API of their ERP developed in 2019.

Vue.js Elixir

2020

- for the **Musée des Tissus de Lyon**, design with their team & development of a normalized database & back-office, development of their website with this new data source & layout engine.

Vue.js Elixir ETL

2019

- for the **Orchestre National d'Île-de-France**, public & private API development, internal tooling, custom back-office for some business tasks, based on their historical database.

Vue / Nuxt Node Laravel

- for the **Musée des Tissus de Lyon**, website, API gateway unifying third-party suppliers, access control & ticketing system

Vue.js Elixir Wordpress

- for **Scalène**, design & development of a business database, centralising the agency's work into a single repository, consumed by mini-apps and export engines for various business tasks

Laravel ETL Vue.js Workflow automation

2018

- for **lab212**, multi-tenant website, single back-office generating 1 to N custom websites.

Laravel Vue / Nuxt Node Workflow automation Rust

- for **PPA architectures**, content classification tooling, design & development of a custom back-office & website

Laravel Vue.js

Technologies

Current stack :

- Backend: Elixir (+ Phoenix)
- Frontend : Typescript (+ Vue.js)
- Data : ETS, sqlite3, PostgreSQL
- CI/CD : Github Actions / Gitlab CI
- Infra : VPSs debian

Currently learning :

- Haskell
- Rust

Teaching

In 2017 and then 2018, I gave a 40h workshop to design students, teaching HTML & CSS basics with a focus on simplicity & semantics.

Education

2015 : Design Masters degree

Les Arènes, Toulouse, FR

Diploma : Automated ingestion of french press releases, automated layout & publishing system based on this data.

2013 : Design bachelor's degree

Les Arènes, Toulouse, FR

Diploma : gesture-based navigation interfaces to sift through french press releases.

2010 : A-level in electronics

Design & manufacturing of a GPS-based solar panel positioning system.

since 2007 : Comp. sci self-teaching

Theoretical CS, programming languages, since I met Linux in 2007.

Open-Source

- [morris](#), pre-print text cleaning
- [to_pdf](#), multi-engine PDF server
- [buche](#), recursive block editor
- [imago](#), Elixir/Rust image transforms

Other interests

I'm invested in an associative badminton club, as well as an astronomy club where I teach optics making.