Luís Deschamps Rudge

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Qualifications

- **10+ years** of experience in software development
- Strong **open-source** background
- Worked in both **Startup** and **Enterprise** environments
- **Public speaking** exposure (10+ talks, 4 courses recorded)

Work Experience

Technical Lead @ Browze (Canadian company – remote - website)   2021-03 – today

I joined Browze as a Senior Frontend Engineer but quickly started to lead a small team to rewrite the browze.com website experience. Along with amazing product and design teams, we launched the new website in roughly four months of work. The new website had a big performance boost:

- Increased **conversion** by **+81%**
- Increased **checkout completion** rates by **+21%**
- Increased '**Added to cart**' events by **+50%**
- Increased '**Core Web Vitals**' metrics in all four categories
  - performance from 2 to 62 (**+3100%**)
  - accessibility from 74 to 98 (**+32%**)
  - best practices from 73 to 92 (**+24%**)
  - SEO from 85 to 100 (**+19%**)

Performance was always the goal, and that's why we built Browze 2.0 with **Next.js (React)**, leveraging ISR (Incremental Static Regeneration) to its fullest (including dynamic invalidation when any data changed). Effectively, we served raw .html files. When you do nothing, you can scale infinitely!

On top of that, my team:

- Created a **React-based Design System** with **Tailwind CSS**, and **TypeScript**
- Used GitHub actions to run CI/CD pipelines (using **Cypress** for integration tests)

Engineering Lead @ Round Pegs Inc. (US company – remote - website)   2019-11 – 2021-03

- **Leading a team** of engineers in rebuilding critical services and infrastructure for a big enterprise
- Initial architecture design and prototype using **Node.js**, **GraphQL**, Oracle, **PostgreSQL**, **React,** and **Tailwind CSS**
- Overseeing cross-team collaboration and infrastructure evolution
- Executing technical interviews with candidates

Frontend Engineer @ Auth0 (US company – remote - website)   2017-01 – 2019-10

Auth0 is an identity management platform for application builders and developers valued at more than $1.5 billion.

- Merged two open source projects into one to improve development efficiency and reduce overhead to maintain two similar libraries
- Modernized one of the most used **JavaScript SDKs** with a new build pipeline using **Rollup** as a bundler and **ES Modules** as the module system
- Participated in a team that pushed through a deprecation project of a legacy API. I implemented a new authentication spec in our browser-facing SDKs, wrote lots of migration guides and 'Quickstarts'. Most customers were able to migrate without significant code changes
- Built an opinionated authentication SDK in **TypeScript** focused on the most used features. It was released in 2019 and it's the official SDK as of today. It's the building block used by other framework-specific SDKs, like **React**, Angular, Vue, etc.

Full Stack Developer @ RealROI (US company – remote - website)   2015-04 – 2016-12

Real ROI is all about maximizing their customers' Ad budget, improving KPIs by using proprietary tools and proven methodologies.

- Created the initial skeleton of the main backend infrastructure, using **DDD**, **CQRS**, and **Event Sourcing** using **.NET** (mostly **C#**, but used a bit of F# as well)
- Started adventuring myself building the ReactJS frontend application. It was my first contact with React and loved it. Spent most of the time creating what would become the frontend application
- Studied and tested several global state management solutions for the frontend project (Flux, Redux, Saga), eventually deciding to use MobX because of its simplicity and reactivity

PREVIOUS EXPERIENCES

- **Full Stack C#/.NET Developer** @ Way2 Technology
  - o (Florianópolis - Brazil - website)   2013-04 to 2015-03
- **Full Stack C#/.NET Developer** @ Tecnologia Única
  - o (São Paulo - Brazil - website)   2011-06 to 2013-04

SIDE PROJECTS

- **Tech Founder** @ DePoster Inova Quadros
  - o (Florianópolis - Brazil - website)   2019-12 to today
- **Tech Founder** @ Unic Learning
  - o (São Paulo - Brazil - website)   2012-02 to today

SKILLS

- JavaScript
- Node.js
- React
- GraphQL
- Rest APIs
- Relational and NoSQL databases
- Git
- Tailwind CSS

LANGUAGES

- Brazilian Portuguese: native
- English: fluent
- Spanish: basic