

SÉBASTIEN LOIX

Curriculum vitae



September 12, 1977
Brussels, Belgium



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About me

A senior frontend engineer passionate about user experience with a meticulous attention to detail, striving to create unique interactive experiences across the different screens.

Over 18 years developing complex applications in high-pressure environments with experience in dealing directly with new and existing clients.

I help businesses succeed in building Single Page Applications by making sure their software is optimized, well-tested, maintainable and scalable.

I also work on the backend with Node.js, designing and building REST API and I am currently learning GraphQL and golang.

Principal skills

I have in depth knowledge and delivery experience in the following areas:

- Modern Web Application development: both with Angular (2+) and React.
- Frontend development: Redux, rxjs, ES6/Typescript, HTML 5, CSS3, Hugo
- Frontend architecture and deployment: node scripts, Webpack, SystemJS, Jenkins
- TDD: Jasmine/Karma, Chai/Mocha, Jest
- Backend: Node.js/Express, REST API design, PostgreSQL
- Cloud: Google App Engine, Google Datastore, AWS (EC2, S3, CloudFront, Route 53)
- Git (flow), Agile development (Scrum, Jira)



Work experience

- since 01/2017 ● **Senior Frontend Developer • European Commission | Brussels**
I am currently working on the revamping of an old platform to manage the Europaid funds around the world. At the beginning of the project I developed a few feature modules. Currently, I am working on the Core Module, frontend architecture optimisation/tooling as well as cross functionalities (offline capability, corporate search...) Tools & Tech: Angular, Redux, rxjs, Node.js, Typescript, Jasmine, SystemJS, Redis.
- 09/2016 01/2017 ● **Senior Frontend Developer • William Hill | Gibraltar**
I worked on the migration of the current sport betting website to a component base architecture in React. With peaks of up to 400 customer transactions per second and the website being accessed on low-end devices, a lot of attention was put on performance and optimisation to make sure the website ran smooth for all users. Tools & Tech: React, Redux, Webpack, Node.js, ES6, Jenkins.
- Since 09/2015 ● **Founder and Full stack JavaScript Developer • Silent drop | Madrid, Spain**
After my experience with wysic I decided to work on a new platform "Silent drop". A blog/movies application to share content about environment, personal growth and the sharing economy. The platform is written in Angular (2+) and the CMS in React. As it is a personal project I am working on the design/UX, frontend and the backend. Tools & Tech: Angular (2+), React, Node.js, REST API, AWS EC2, AWS S3, Google Datastore, HTML5, SASS, Webpack, Jenkins, Imgix, Google Analytics
- 08/2015 09/2016 ● **Technical Leader / Senior Frontend Developer • Sopra Steria | Madrid, Spain**
Lead frontend developer and scrum master for several responsive, mobile first, Single Page Application built in AngularJS. One of them was brought from concept to delivery in 3 months. The code was deployed through CI with Jenkins to a local server for the QA team and before each release to the client's acceptance server. Frontend developer of a hybrid HTML5/Cordova application for iOS and Android with Ionic. Agile Development. Tools & Tech: AngularJS, Ionic, JavaScript, SASS, HTML5, CSS3, Cordova, Gulp, Jenkins.

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- 01/2014 ● **Founder and Full stack Developer** • [wysic](#) | [Madrid, Spain](#)
08/2015 Entrepreneurial adventure where I built a video streaming platform to broadcast live concerts. The platform included a fully working online shop, chat, real-time notifications and WebRTC video chat (up to 4 persons)
Tools & technologies: AngularJS, web2py (Python), REST, MySQL, Google App Engine, AWS S3, HTML5, CSS3, Wowza, WebRTC, PubNub, Stripe.
- 03/2002 ● **Frontend Developer** • [Laya Producciones](#) | [Madrid, Spain](#)
06/2013 As a freelance developer, Laya Producciones has been my main client. I developed for them a myriad of interactive applications for different platforms: Web, iPad, Kiosk and even some DVD authoring.
Tools & tech: Flash, ActionScript3, Lua, HTML 5, Photoshop, Illustrator, Final Cut Pro, After Effects.
- 01/2002 ● **Creative Director** • [Prem Dan](#) | [Madrid, Spain](#)
05/2011 Responsible for the digital department of the company, I mainly designed and developed websites. The most interactive ones were developed in Flash and ActionScript 3.
Tools & technologies: HTML, CSS, Javascript, Flash, ActionScript 3, PHP, MySQL
- 09/1999 ● **Freelance Developer / Audiovisual Editor** • [Brussels, Belgium](#)
12/2001 At the beginning of my career I worked as a freelance (as a developer, graphic designer or video editor) for many different clients. Some of the clients I worked for are Beiersdorf, Silsoil, Zanussi, British American Tobacco.

★ Some projects

- **Silent drop** | web
<http://silentdrop.eu>
Full stack Javascript developer (React, Angular, Node.js)
- **Sanitas Client Portal** | web + Mobile
[Sanitas](#)
Senior frontend developer (AngularJS, Ionic)
- **gstore-node** | Node.js
[Open source](#)
'mongoose' clone for Google Datastore
- **Opsys** | web
[European Commission](#)
Frontend architect / developer (Angular)

📖 Education

- 09/1997 ● **Superior School of Radio, Cinema and Television "Institut des Arts de Diffusion"**
06/2001 [Louvain-la-Neuve, Belgium](#)
Degree in Audiovisual Editing and Multimedia
Highest Honors
- 06/1996 ● **Institut Notre Dame des Champs**
[Brussels, Belgium](#)
High School degree (Latin - Mathematics)

♥ Interests

Environment | Collaborative economy | Society | Arts

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