SÉBASTIEN LOIX
Curriculum vitae

September 12, 1977
Brussels, Belgium

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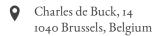Charles de Buck, 14
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/sloix

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👍 About me

A senior software engineer passionate about user experience with a meticulous attention to detail, striving to create unique interactive experiences across the different screens. Excellent problem solver and great communicator.

Over 18 years developing complex applications in high-pressure environments. I help businesses succeed in building robust applications, making sure their software is optimized, well-tested and scalable.

Although my expertise lies in the front-end development, I also work on the back-end with Node.js and you'll catch me more than once designing a REST API or scripting for continuous integration.

🔧 Principal skills

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

- Single page application both with React & Angular (2+).
- Front-end development: ES6/Typescript, HTML 5, CSS3, functional programming, Hugo
- Front-end architecture and CI: scripting (Node.js), Webpack, SystemJS, Rollup, Jenkins
- TDD: Jasmine/Karma, Chai/Mocha, Jest
- Back-end: Node.js, REST API design, Google Datastore, PostgreSQL
- Cloud: AWS, Google App Engine
- Agile development (Scrum , Jira)

Currently learning: Go, GraphQL, Serverless architecture

💼 Work experience

since 01/2017 — Senior Front-end Developer • European Commission | Brussels
Front-end development to revamp an old platform (that manages Europaid funds around the world) to a modern SPA (Angular). Senior lead developer mentoring junior devs. Front-end architecture design to allow multiple teams to publish npm packages and CI scripting to build the final Angular application from those modules. Responsible for application wide functionalities (offline capability, error handling, localization, search...)
Tools & Tech: Angular, Redux, rxjs, Node.js, Typescript, Jasmine, SystemJS, Rollup, Redis.

09/2016 01/2017 — Senior Front-end Developer • William Hill | Gibraltar
Migration of the sport betting website to a component-based architecture in React. The website has peaks of up to 400 customer transactions per second and has many customers on low-end devices so a lot of attention was put on performance and optimization to make sure the website ran smoothly for all users.
Tools & Tech: React, Redux, Webpack, Node.js, ES6, Jenkins.

Since 09/2015 — Founder and Full stack JavaScript Developer • Silent drop | Europe
Side project. A blog/movies application to share content about environment, personal growth and the sharing economy. Written in Angular (2+) with a CMS in React. I work on the design/UX, front-end and the back-end.
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 Front-end Developer • Sopra Steria | Madrid, Spain
Lead front-end 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.
Lead front-end developer of a hybrid HTML5/Cordova application for iOS and Android with Ionic.
Tools & Tech: AngularJS, Ionic, JavaScript, SASS, HTML5, CSS3, Cordova, Gulp, Jenkins.

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01/2014
08/2015
Founder and Full stack Developer • wysic | Madrid, Spain
Entrepreneurial adventure. 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
06/2013
Front-end Developer • Laya Producciones | Madrid, Spain
During my time 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, DVD.
Tools & tech: Flash, ActionScript3, Lua, HTML 5, Photoshop, Illustrator, Final Cut Pro, After Effects.

01/2002
05/2011
Creative Director • Prem Dan | Madrid, Spain
Responsible for the digital department of the company, I mainly designed and developed websites. The most interactive ones were developed inFlash and ActionScript 3.
Tools & technologies: HTML, CSS, Javascript, Flash, ActionScript 3, PHP, MySQL, Avid Media Express

09/1999
12/2001
Freelance Developer / Audiovisual Editor • Brussels, Belgium
At the beginning of my career I worked as a freelancer (developer, graphic designer or video editor) for many different clients. Some of the clients I worked for were RTL.tvi, Beiersdorf, 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
Front-end architect / developer (Angular)

📖 Education

09/1997
06/2001
Superior School of Radio, Cinema and Television "Institut des Arts de Difussion"
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 | Blockchain | Open Source |Arts

"I certify that the statements made by me are true, complete and correct. I also certify that any documentations provided in support of my application are authentic and accurate. I understand that any false or misleading statement or withholding relevant information may provide grounds for the withdrawal of any offer of appointment or the termination of employment."