Marc Solà Nadal

Barcelona, Spain | mail@marcsolanadal.com | +34 636290957

SUMMARY

Software engineer with 7+ years of experience in web development. Self-taught, dedicated, and highly motivated in optimizing the Web with new technologies.

Looking for challenging fully remote opportunities in international teams and contractor work.

WORK EXPERIENCE

On a break   **Nov 2021 - present**

- Due to COVID-19, I decided to take a break and spend time with my loved ones and in my garden. I took the opportunity to refresh my front-end skills and actively learned new technologies such as *Web3*, *WebAssembly*, *C*, and *Rust*. I also drastically changed how I learn and organize myself using a knowledge management system.

GFT Technologies

Front-End Tech Lead   **Jan 2019 - Nov 2021**

- Helped +20 colleagues on *React*, *Redux*, and unit testing problems.
- Migrated multiple projects to a modern testing stack. Used *Jest*, *Testing library*, and *Cypress*.
- Embedded the first *WebComponent* of the online banking website, focused on rendering a custom CMS solution. Used vanilla *Javascript*.
- Solved architectural problems as part of the front-end architecture team and maintained the component system. Used *Styleguidist*.
- Maintained a large monorepo configuration for more than 50 people across several teams. Using *Webpack* and *Nx*.
- Implemented the brokerage feature for a client in the banking sector. Used *Angular 10*, *Typescript*, *RxJs*, *Transloco*, and *Storybook*.
- Conducted ceremonies as a Scrum master backup. Used *Agile*, *Scrum*, and *SAFe*.
- Assesed front-end knowledge of candidates in more than 30 *technical interviews*.

Front-End Developer   **Mar 2017 - Jan 2019**

- Designed and developed 3 large front-end features for a client in the banking sector. Used *React*, *Redux*, *Styled Components*, and *i18n*.
- Designed complex components using the state machine approach. Reducing by 50% the number of bugs related to them. Used *XState*.
- Taught my colleagues React best practices through over 500 code reviews. Used *Jira* and *GitLab*.
- Implemented a custom bar chart used by multiple teams. Used *React*.
- Refactored large codebase with best practices and maintainability as the main focus. Resulting in a more than 20% development speed increase. Used several *Redux* patterns.

AtSistemas

Full-Stack Developer   **2015 - 2016**

- Designed 13 endpoints serving an in-house automatization tool for building hybrid mobile applications. Used *Node*, *Happy*, *Swagger*, and *Mysql*.
- Coded a QR plugin for a hybrid mobile application. Used *Cordova*, *Java*, and *Objective-C*.
- I have solved critical issues on a project in the insurance sector ending up on on-time delivery. Used *AngularJS*.

Micronax

Junior Full-Stack Developer   **2014**

- Implemented the OAUTH2 protocol for Google and Facebook logins in a hybrid mobile game. Used *Cordova*, *Backbone*, and *Node*.
- Reported directly to the product owner in an international team based in Norway.

Barcelona University

System Administrator   **2011 - 2013**

- Managed and maintained a RedHat cluster and network of medium size.
- Compiled and optimized the Linux kernel to improve the performance of a cluster. Gaining a 20%

performance boost on all systems. Used *Gentoo*.
- Help desk on more than 200 users.

EDUCATION

Degree in Electronics, Barcelona University (2010, 24 ECTS left)
- ERASMUS in Norwegian University of Science and Technology (2013 - 2014)

Certificate of Higher Education in Computer Programming (2008 - 2010)

LANGUAGES

Catalan, Spanish, English, and Japanese.

HOBBIES AND INTERESTS

Game development, language learning, meditation, and permaculture.