

# Xavier López Reynau

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## Education

**Computer Science at Universitat Politècnica de Catalunya**

Graduated in July 2019

**Full Stack Web Development Nanodegree at Udacity**

Graduated in May 2019

## Technical Skills

- Git, Agile methodologies
- **Javascript, TypeScript, React, NextJS, HTML5, CSS3, Java, Node.js**

## Work Experience

**ThoughtWorks Spain**, Barcelona, Spain

**January 2020 - Now**

**Consultant - Software Engineer**

- Helped to move an old legacy code from a monolith to microservices using C# and .NET
- Engineered multiple features for a website with over 14 million monthly users using React and Java

**Graduate Consultant - Software Engineer**

- Engineered a component to enable our client to connect a new data system to their legacy system.
- Helped with the development of a website to connect hospitals and makers for the COVID-19 pandemic.
- Got my first experience managing a consulting team.

**DOT AIO**, Remote

**July 2019 - November 2019**

**Software Engineer**

- Implemented a real-time notification tool to help users know when selected products went on sale using NodeJS and Puppeteer.
- Improved a single-file monolithic architecture product into a modular architecture one, improving code quality and performance using Electron.
- Engineered new features for a desktop application using Electron and NodeJS.

**Barcelona Supercomputing Center**, Barcelona, Spain

**January 2018 - July 2018**

**Research Intern** (September 2018 - July 2018)

- Evaluated and repaired a High-Performance Computing Agent-Based Modelling tool named Pandora.
- Investigated and developed new Agent-Based models.
- Engineered a model translator from NetLogo to Pandora using C++.

**Full Stack Developer Intern** (January 2018 - September 2018)

- Engineered custom Drupal modules to improve the website editors' user experience.
- Designed and engineered a hybrid mobile app using Ionic, with a custom NodeJS push notification server to provide personalized service to our clients.
- Improved website performance reducing load time by 60%.

**King Entertainment**, Barcelona, Spain

## June 2017 - September 2017

**Software Developer Intern**, Share Tech Department - Help Center development

- Engineered a Testing Automated System on a Device Cloud Service using Selenium.
- Programmed and maintained new features for microservices programmed in Java.
- Improved Q&A experience by automating repetitive tasks and reducing average testing time.

**InLab FIB**, Barcelona, Spain

## May 2016 - May 2017

**Full-Stack Developer Intern**, Web Development Department - Drupal development

- Engineered customized Drupal modules to provide data to the content management system.
- Designed responsive templates to show data provided by the custom modules.
- Instructed team members on how Drupal modules work and how to engineer custom ones.

## Projects and activities

**Findletics** - [www.findletics.com](http://www.findletics.com)

### September 2022 - Now

Platform aiming to facilitate fitness professionals discovery by location.

- Elaborated and refined initial idea into a doable MVP
- Designed and engineered Findletics first iteration
- Tech stack: React, NextJS, NodeJS

## CriberIO

### January 2021 - January 2022

A platform that provides a set of tools to facilitate finding and buying high-profitable products on second-hand marketplaces.

- Designed and implemented Criber MVP. Successfully used by a limited group of users that reported a ROI of at least 50%.
- Engineered a high-availability microservices architecture to enable the platform to handle spikes of users for specific events.
- Tech stack: React, NodeJS

## Speak For You (Java) - HackUPC

### October 2016

Android app that translates real-time sign language to voice using Myo technology.

- Designed and developed an Android app.
- Learned and integrated the TTS Google API with the Android app.
- Learned and integrated the Myo API with the Android app.

## Courses

Introduction & Advanced concepts of Git

HTML, CSS and Javascript

Communication: Communicating assertively

Communication: How to give good feedback

## Additional Skills

**Languages:** Spanish (Native), Catalan (Native), English (Working Proficiency)

**Personal interests:** People and arts, hackathons, videogames