

Benjamin Millagou

Freelance web developer, React & Angular expert

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Pragmatic, I'm involved at every stage of your project to help you achieve your goals: needs analysis, prioritization, architecture, design, development, maintenance and team and meeting facilitation. I also like to deepen and share my knowledge, with the aim of growing with your team.

<https://github.com/myagoo>

SKILLS

JAVASCRIPT	ES.Next, TypeScript, Promises, Observables, Signals, Debugging
OTHER LANGUAGES	CSS, PHP, SQL
LIBRARIES	React, Angular, Stenciljs, Expo, Storybook, Floating UI, Apollo, Firebase, RxJS, jQuery, HighCharts, d3, leaflet, react-router, redux, Immutable, Symfony, ChartDirector, Doctrine
TOOLS	docker, firebase, webpack, npm, babel, git, composer
SERVERS	node deno, apache nginx
OS	Linux, Mac, Windows
METHODS & PARADIGMS	Debugging, Scrum, OOP, FP

PROFESSIONAL EXPERIENCES

BPCE (Banque Populaire Caisse d'Épargne)

Freelance Lead Front-end Developer Jun 2022 - Jun 2024

Design of the Angular component library implementing the new design system following the merger of Banque Populaire & Caisse d'Épargne

- Design and development of a generic popover component supporting all types of positioning and several accessibility modes.
- Design and development of numerous form components such as simple/multiple select or input text/number/amount/textarea/date
- Creation of a web-component version of the design system with Stenciljs and storybook as a demonstration tool
- Design and development of a user rights management service to minimize the number of http requests with the native Web Lock API

A11Y, Angular 15..18, Floating UI, Stenciljs, Storybook, Gitlab, Jira, Confluence

OSO-AI

Freelance Fullstack Web Developer Jan 2020 - Dec 2021

Creation of a suite of web-based applications designed to provide caregivers with alerts on the state of health of nursing home residents

Création d'une suite d'applications web ayant pour finalité la remontée d'alerte aux aides-soignant.e.s sur l'état de santé des résidents d'EHPAD

- 5 firebase projects synchronized with each other
- WebRTC technology to set up video alert calls between caregivers

React, Typescript, Firebase, Git

Prism.ai

Freelance Front-end Web Developer Jan 2019 - Dec 2019

Set up the front-end architecture of the chatbot management dashboard

- Creating an advanced text editor with the help of the draft.js library
- Migration of the old code base to a modern architecture architecture, making full use of React 16.8 features (hooks)
- Setting up a design system using styled-components coupled with styled-system

React, Draft.js, styled-components+styled-system, Git

Overblog

Fullstack Web Developer Dec 2018 - Nov 2021

Maintenance and development of new features for the blog administration interface used by thousands of Internet users around the world

- Integration of a new mobile theme with the aim of modernize the user experience and drastically improve page load times
- Development and implementation of various recognition and anti-spam mechanisms
- Migration of the code base from "class components" to "functionnal components".
- Work on the dockerized development environment

React, styled-components+styled-system, Appolo, GraphQL, PHP, Sentry, Docker, Git, Puppeteer

EasyMile SAS

Front-end Web Developer Mar 2017 - Nov 2018

Development of interfaces for real-time tracking of autonomous shuttles

- Work on the dockerized development environment
- Functional testing, unit testing and storybook use

React, Flow, Redux, Storybook, Elixir, TDD, Git, Docker

Living Objects

Fullstack Web Developer Sep 2011 - Feb 2017

Participation in the development of numerous applications linked to the technical world of ISPs (collection, visualization and analysis of meters from the operator's fixed and mobile customer base). I was involved in the development of a large number of modules, often from design to updates, including customer meetings, deployments and data collection.

- A wide range of skills acquired in a variety of fields thanks to the heterogeneous nature of our projects
- Several contributions to the in-house PHP framework (based on Symfony 2), including the implementation of a shared connection system, which automatically and reliably reduced the number of connections opened simultaneously by our applications.
- Development of a generic widget system enabling developers to create components that can be easily exported to other modules.
- Design and development, as part of a team for which I was technical lead, of a product using recent technologies and concepts (SPA, REST API, Angular, webpack, material design, ES7 and AGILE methods)
- 2 internal conferences given as part of tech lunches organized by the company (React & part of the operation of the in-house PHP framework)

AngularJS, Angular, RxJS, Angular Material, PHP, Symfony, Doctrine, PDO, Git, SVN

MPO Informatique

Fullstack Web Developer Jan 2010 - Jan 2011

Creation of a complete business management web application for the opening of a store selling and repairing computer parts as part of a work-study program. The application manages customers, inventories, the cash register and interventions, as well as creating accounting documents in PDF format.

- Project management from A to Z (design, development, server installation, application installation and updating)
- Creation of the boutique's website and advertising advertising
- Creation of a fork of the project for a neighboring business (functional modifications, deployment, and training of application users)

PHP, HTML, CSS, JavaScript, JQuery

PET PROJECTS

Amstangr.am

<https://amstangr.am/>

Community tangram game (using css-system)

React, Gatsby, Git, css-system, paper.js

CSS-System

<https://github.com/css-system/css-system>

React library for creating design primitives to facilitate the development of responsive applications

React, Git, OSS

React Toulouse #6 - Les pièges à éviter avec les hooks

<https://www.youtube.com/watch?v=omgmNLyoZjc>

Public presentation at React Toulouse on React hooks: tips, tricks and pitfalls to avoid

React Toulouse #7 - Retour XP Evolution CSS-in-JS chez Overblog

<https://www.youtube.com/watch?v=omgmNLyoZjc>

Public presentation given at React Toulouse on the design system used at OverBlog and an introduction to the css-system library, which I maintain

EDUCATION

CNAM

Jan 2015 - Jan 2017

Engineering degree - Computer Science Engineer, architecture and engineering option systems and software

- Degree not obtained but all units validated validated

EMCI

Jan 2017 - Jan 2017

Professional training - Motivating & leading a team

IUT de Blagnac

Jan 2010 - Jan 2011

Work-study professional degree - Analyst Programmer
Specialized in Object Engineering

Lycée Polyvalent Paul Sabatier à Carcassonne

Jan 2008 - Jan 2010

Senior technician certificate - Business Computing,
Development option

Lycée Polyvalent Paul Sabatier à Carcassonne

Jan 2008 - Jan 2010

Bachelor's degree - Management Sciences and
Technologies

LANGUAGES

French
Native

English
Fluent

À CÔTÉS

Mind

- Music
 - Reading (SF & essays)
 - Puzzles
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Body

- Downhill Longboard
- Bodybuilding
- Cycling
- Hiking