

# CLAUDIA BENITO

## SOFTWARE DEVELOPER

Software developer specialised in the front end with experience in product companies and strong fundamentals in modern web technologies.

✉ me@claudiabdm.com 📍 Rennes, France  claudiabdm  claudiabdm  claudiabdm.com

### SKILLS

**Technical Skills:** Vue, TypeScript, Astro, SCSS, BEM, Tailwind CSS, Ionic, React, GIT, GitHub, OpenAI, AWS SAM, Cloudflare, JAMStack, Headless CMS, Storybook, Figma, Web APIs, PWA, JavaScript, CSS, HTML.

### EXPERIENCE

**Software Developer** **BASALT-IOT I Remote** **Dec 2024 – Current**

Local IoT company based in New Zealand where I helped translate business ideas into a user-friendly product.

- Designed and developed a cross-platform app with Ionic/Vue that enabled customers to track and monitor assets attached to the Basalt-IoT sensor hub in real-time using WebSockets.
- Built a serverless application with AWS SAM and developed AWS Lambdas to extend Thingsboard capabilities like sending push notifications to user devices or running AI workflows.
- Developed an AI workflow to analyse images received from a camera when it detected activity, determine the possible trigger and severity, and provide a short summary used in push notifications.

**Front-end Engineer** **Spline I Remote** **Oct 2021 – Nov 2022**

Y Combinator start-up building a real-time multi-user 3D design web app where I focused on improving the UX.

- Contributed to the React user interface while collaborating with back-end and product design teams.
- Took ownership of several product features such as the file manager system or the editor's object tree view.
- Improved React component performance by optimising rendering like lazy loading, list virtualisation, etc.
- Built an open-sourced React component that made Spline scenes easier to integrate into React apps.
- Migrated Spline website to Next.js (SSG) for better code maintainability while implementing optimisation techniques to improve performance, accessibility, and experience for end users.

**Front-end Developer** **TAyA I Remote** **Jul 2020 – Jul 2021**

Local fintech company based in Madrid, Spain, where I helped modernise the front end and dev tech stack.

- Designed and developed Angular SPAs following a reactive pattern with RxJs and collaborated with the back-end team to integrate REST APIs while enhancing app performance and user experience.
- Migrated projects to an Nx monorepo, implemented testing (>95% cov.) and built a UI component library with Storybook, boosting developer experience.
- Rebuilt corporate website to a responsive multilingual JAMstack site with Nuxt.js and Storyblok CMS. Web performance increased by 27% and 283% for desktop and mobile. Lighthouse scores > 90 out of 100.

### EDUCATION

**Master in Bioinformatics and Biostatistics** **University of Barcelona I UOC**

Avg. grade: 9.88/10 | Estimated graduation date 2027.

**Bachelor of Science in Biology (spec. Biotechnology)** **Complutense University of Madrid**

My interest in coding started during my final year abroad in UK when I had to use Python/R for statistical analysis.

### PROJECTS

**PopMots** [github.com/claudiabdm/popmots](https://github.com/claudiabdm/popmots)  **Jul 2024 – Current**

Local-first progressive web app to learn the most common French words with flashcards using spaced repetition. Built with Vue, IndexedDB, Web Workers and Cloudflare Pages. Currently working on syncing between devices.

