CLAUDIA BENITO

FRONT-END SOFTWARE DEVELOPER · UX/UI

Software developer with experience in product companies, shipping performant, user-centred applications. My background in biology and UX mindset translate into a detail-oriented, analytical approach to problem solving.

✉ me@claudiabdm.com ● Rennes, France in claudiabdm ○ claudiabdm ⊕ claudiabdm.com

SKILLS

Technical Skills: HTML, CSS, JavaScript, TypeScript, Vue, React, Astro, Ionic, BEM, SCSS, Tailwind CSS, PWA, Web APIs, Git, GitHub, OpenAI, AWS SAM, Cloudflare, Jamstack, Storyblok CMS, Directus, Storybook, Figma.

EXPERIENCE

Software Developer	BASALT-IOT	Remote	Dec 2024 – Present

IoT company based in New Zealand – translated business ideas into an easy-to-use cross-platform application.
- Designed and developed a cross-platform app with Ionic/Vue enabling customers to track and monitor assets attached to the Basalt-IoT sensor hub in real-time using WebSockets.
- Built a serverless backend with AWS SAM and AWS Lambdas to extend Thingsboard rule-chain with third-party APIs, push notifications and AI-powered workflows.
- Developed an AI pipeline using Open AI Responses API that analyses camera images on motion detection, classifies trigger severity, and generates short summaries for push notifications messages.

Front-end Engineer	Spline	Remote	Oct 2021 – Nov 2022

Y Combinator start-up building a real-time multi-user 3D design web app – focused on improving the UX and UI.
- Contributed to the React user interface while collaborating with back-end and product design teams.
- Owned 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 for embedding Spline scenes (1.4k+ GitHub stars).
- Migrated marketing website to Next.js (SSG) improving performance by ~24%, maintainability and accessibility.

Front-end Developer	TAyA	Remote	Jul 2020 – Jul 2021

Fintech company based in Madrid, Spain – developed user-friendly apps and modernised the tech stack.
- Designed and built Angular SPAs with a reactive architecture using RxJs focused on performance and UX.
- Optimised data fetching in collaboration with the back-end team to render large AG-Grid tables efficiently.
- Migrated projects to an Nx monorepo, implemented testing (>95% cov.) and built a UI component library.
- Rebuilt corporate website to a responsive multilingual Jamstack site with Nuxt.js and Storyblok CMS. Web performance increased by 27% for desktop and 283% for mobile. Lighthouse scores > 90 out of 100.

EDUCATION

Master in Bioinformatics and Biostatistics	University of Barcelona	UOC

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

Bachelor of Science in Biology	Complutense University of Madrid

Completed my final year abroad at the University of Birmingham, UK, using Python and R for statistical analysis.

PROJECTS

PopMots *github.com/claudiabdm/popmots* ⊠	Jul 2024 – Present

Local-first progressive web app to learn the most common French words with spaced repetition flashcards.
Built with Vue, SCSS, IndexedDB, Web Workers and Cloudflare Pages. Currently working on cross-device sync.

CvFy *github.com/claudiabdm/cvfy* ⊠	Nov 2020 – Present

Open-source multilingual CV builder with offline support and client-side PDF generation with +400 GitHub stars.
Built as static-site generated website with Vue/Nuxt, TailwindCSS, and deployed on Cloudflare Pages.