

● Open to new opportunities · Barcelona

[...]

Frontend · Producte · Rendiment · Experiència

Carles Melgarejo Vila / **Senior Frontend Developer**

React · Next.js · TypeScript · PHP · MySQL

+ 20+ anys posant producte en mans d'usuaris

```
function buildUX {  
  const ui =  
    .accessible(true)  
    .performant(true)  
    .for users('sempre');  
  return ui;  
}
```

sempre UI/UX

Redux · Conferències AI · Claude Code

SENIOR FRONTEND DEVELOPER/FULL STACK DEVELOPER

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ABOUT ME

I'm a hardworking, responsible person with strong teamwork and communication skills. I'm defined by my adaptability and continuous learning, and I'm always eager to keep training. I'm consistent, flexible and I like work done well. I love the ICT world: it's both my job and my hobby. Methodical, responsible and committed. Loyal and present for the people who matter to me.

Web developer with over 20 years of experience, Full Stack and working on modern frontend with React and TypeScript. Throughout my career I have worked both on international SaaS products and in digital agencies, combining technical judgment, design sensibility and attention to detail.

HIGHLIGHTS

- **20+ years:** of professional experience in web development: frontend, backend and deployment.
- **International SaaS product:** as Senior Frontend at ChairingTool (AI scientific conferences). 35+ conferences using the tool.
- **Top-tier clients** in agency work: Tous, Castañer, Havaianas, RACC, Boboli, Revlon, Muy Mucho, Textura, among others.
- Active exploration of AI applied to development.

FEATURED PROJECT

ChairingTool — *chairingtool.com*

SaaS platform to manage peer review and submission management for international scientific conferences, especially in the artificial intelligence field. It lets chairs coordinate the whole cycle: paper submission, reviewer assignment, decision tracking and committee management, the paper admission process for authors and paper review by reviewers, all online.

My role: Senior Frontend Developer on the core team. Development and maintenance of the frontend with React, TypeScript, Redux and styled-components; internationalization with i18next; integration with a Laravel backend; and development of the chairingtool.com landing page.

FEATURED PROJECT FREELANCE

Gegants de Sant Pere de les Puel·les — *gegantspuelles.cat*

Corporate website and content platform for a Barcelona folk-culture organisation. Project developed *end-to-end* with a Next.js frontend and a decoupled Strapi CMS, deployed on independent servers. The architecture combines static generation (SSG) to improve performance and SEO with a Strapi webhook that updates the frontend content when changes are published in the CMS.

Architecture and deployment: Dockerized frontend and backend. Next.js and Strapi deployed on independent servers. Separate development and production environments. Static generation of public pages with Static Site Generation. Strapi webhook to trigger frontend content updates. Automatic deployment to development on push via GitHub Actions. Controlled production deployment via a Bash function that updates the repository and rebuilds the container with Docker Compose.

TECHNICAL SKILLS

Frontend	React, TypeScript, Redux, React Router, Next.js, Styled-components, Tailwind CSS, KendoReact, Material UI
Languages	JavaScript (ES6+), TypeScript, PHP, HTML5, CSS3/SASS
Backend	Strapi, PHP, WordPress, REST APIs, MVC frameworks (CodeIgniter, Laravel)
Databases	MySQL, SQLite
Tools & Environment	Git, Docker, Figma, Linux server management, VSCode, GitHub-actions
Development Practices & Code Quality	Code Review, Refactoring, Responsive Design, technical SEO
AI-Assisted Development	RAG (Retrieval-Augmented Generation), MCPs , Claude Code, Claude Desktop, GPT Codex, GPT Desktop, Obsidian

PROFESSIONAL EXPERIENCE

Senior Frontend Developer · Brainful Labs

2023 – present

Core development team of ChairingTool, an international SaaS for managing scientific conferences in the artificial intelligence field.

- Frontend development with React, TypeScript, Redux, styled-components and internationalization with i18next.
- Design and implementation of new features in collaboration with product, chairs and the backend team (Laravel).
- Continuous improvement of a large, long-lived codebase: small, well-justified changes, focused on stability and user experience.
- WordPress for clients and participation in other React and Next.js client projects. Mentoring of junior developers.

Senior Frontend Developer · Malabars

2014 – 2022

Frontend and full stack development at a digital agency for end clients.

- Development with PHP, MySQL, jQuery, HTML5, CSS3, SASS, Bootstrap and responsive design.
- In-house content managers in PHP and implementations on WordPress and Shopify.
- Remote management of servers, domains and DNS zones for clients.
- 300+ landing pages for Tous and other clients
- Clients: Tous, Castañer, Havaianas, Fundació Mercè Rodoreda, RACC, Boboli, Muy Mucho, Textura, Montibello, Revlon, Sant Cugat City Council, among others.

Freelance Web Developer · Own projects

2012 – present

- Development of custom websites and backends with a modern stack (Next.js + TypeScript + Tailwind, Strapi as a headless CMS) and also with PHP/WordPress depending on the project.
- Full role from markup and frontend through to deployment and maintenance.
- Clients: Efonts, Paumats, Mongoose Timber Company, Sonisord, Gegants St Pere de les Puelles, Collectiu Ronda, among others.

Web Developer · Whads Accent

2008 – 2011

Web development for corporate clients such as BCD Barcelona Centre de Disseny.

- Frontend and backend development in PHP, ASP, Python, PHP, JavaScript and CSS; markup and integration with content managers.
- Remote server management with Plesk, IIS 6.0, domains and DNS.
- Email marketing and consulting. Client training on our own tools.
- Clients: BCD, Roca Sanitaris, Barcelona City Council, Fundació La Caixa, Síndic de Greuges, Clínica Corachan, Fundació Josep Carreras, Fundació We Are Water, Fundació Caixa Catalunya, Escola Massana, among others.

Early web development · Ed. Interactivas TUK, GMI Records and others

2000 – 2008

- Early professional stages combined with university studies; solid web development foundations.
- Editing of distance-learning and multimedia materials with Flash. Projects for Barcelona Zoo, Winterthur e-business master, Doyma, GEA, Bayer and UPC.

EDUCATION

Master's Degree in Web Sites and Applications Development

2021 – 2024

Universitat Oberta de Catalunya (UOC)

Technical Engineering in Management Computing

2003 – 2008

Universitat Oberta de Catalunya (UOC)

CONTINUOUS TRAINING

Artificial Intelligence Course

2021

Universitat Oberta de Catalunya (UOC)

Back-end PHP (Laravel, CodeIgniter, Drupal)

2020

Universitat Oberta de Catalunya (UOC)

Front-end with JS Frameworks (Angular, Node)

2020

Universitat Oberta de Catalunya (UOC)

Search Engine Optimization (SEO) Instituto Internacional de Marketing	2012
Corporate communication and digital branding Universitat Oberta de Catalunya (UOC)	2010
IT Project Planning Universitat Oberta de Catalunya (UOC)	2008
Flash 5.0 + HTML editing ETSEIB (UPC)	2000

LANGUAGES

Catalan: Native

Spanish: Native

English: Written and read – basic (B1)

WORDS FROM THOSE WHO HAVE WORKED WITH ME

"His arrival marked a before and after for our tool. He not only contributed substantial technical improvements, but also brought a proactive, resourceful attitude that raised the level of the whole team. A good person: calm, hardworking and collaborative."

Francisco Cruz Mencía. CEO Brainful Labs · IJCAI Executive Program.

"He is a developer with tact and attention to detail for designs. In very short sprints, his collaborative and resourceful character was essential to deliver the work with quality and speed."

Francisco García. UX/UI Designer CEO · CEO Pixel Research Lab.

"He stands out for his analytical ability and creativity, always demonstrating great problem-solving. His positive attitude and willingness to collaborate make working with him truly inspiring."

David Puertas Gómez. Entrepreneur · Computer Engineering UAB.

"A great professional with a lot of experience in web development. A responsible person, committed to the company."

Oriol Marí Pàmies. CEO Whads Accent.

"He has provided excellent service, demonstrating his professionalism, his excellent technical knowledge and his willingness to adapt to changing scenarios and needs. A professional you can trust with any corporate digital platform."

Carles Barbero Ciuró. Communications Manager · BCD.

"A methodical, responsible, organised and resourceful worker. I highlight his commitment to every project and his communication skills for excellent teamwork."

Elena Navarro Sansano. Freelance designer.

INTERESTS

Besides my professional side, I enjoy playing electric guitar in rock cover bands and collaborating in amateur musical theatre. Constant curiosity about what is new in the web world and the possibilities opened up by new AI tools applied to development.

