



Carlos Marín Fernández

Senior Software Engineer

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<https://github.com/carlitosmarin>

Skills

Languages:	JavaScript, TypeScript, HTML, CSS
Frameworks:	React, Next.js, Node.js, Express, LoopBack, Jest, React Testing Library, Playwright
Databases:	PostgreSQL
Technologies / Tools:	GitHub Actions, GitLab CI, CircleCI, AWS (EC2, S3, SES, RDS), Git, axe
Practices:	accessibility (a11y), performance, TDD, CI/CD, code review, design patterns, mentoring, technical decision-making

Experience

Insendi

Jun 2021 – Present

Team Lead & Senior Software Engineer

- Led a team of up to 4 engineers and mentored 3 from junior to mid level, acting as a technical reference through code review and pairing.
- Migrated from Enzyme to Jest and React Testing Library across a 140k+ LOC codebase, halving unit-test runtime and raising coverage to 90%.
- Owned major technical initiatives across the stack: Next.js / TypeScript frontend architecture and Express (Node.js) + PostgreSQL backend services.
- Drove refactoring and migration work, reducing technical debt and system complexity through pragmatic architectural decisions.

Apploading

Feb 2017 – Jun 2021

Junior Software Engineer to Senior Software Engineer

- Progressed from intern to senior role, managing close to 10 client projects end to end with full autonomy.
- Owned requirements gathering, analysis, development and product/architecture decisions, meeting directly with clients to define their needs.
- Built and operated all infrastructure on AWS (EC2, S3, SES, RDS), integrating Redsys (payments) and Vimeo (video streaming).
- Developed applications using AngularJS, React and LoopBack, implementing CI/CD on GitLab CI integrated with AWS.

Projects

Wordsframe

<https://wordsframe.com>

A personal end-to-end product turning meaningful words into custom framed posters - built to ship a real product with real users (50+ orders), applying my engineering and product decisions from frontend to fulfillment.

Education

University of the Balearic Islands (UIB)

2012 – 2017

Computer Engineering, Specialization in Information and Communication Technologies.

- Multimodal human-machine interface devices in the cloud
- 14th International Conference, CDVE 2017

Languages

Spanish: Native · Catalan: Native · English: Professional working proficiency