Martí Vilàs Ruano

Frontend / Full-Stack Developer

Barcelona, Spain | +34 692 233 320 | marti.vilas14@gmail.com

martivilas.com | GitHub: MartiVilas | LinkedIn: Martí Vilàs

Professional Summary

Frontend / full-stack developer at I-MAS since September 2025, building production applications with React, TypeScript and Node.js. I investigate functional requirements and implement frontend, API and database changes, with team code review and tech lead support. Experience integrating AI services into industrial software.

Technical Skills

Frontend: React, TypeScript, JavaScript, HTML5, CSS3, Zustand, Vue.js, Quasar, Astro

Backend & data: Node.js, TypeScript, PHP, SQL, MySQL

Delivery & collaboration: Git, Merge requests, Code review, Scrum / Agile, WordPress

Personal projects / additional: Supabase, OpenAI API, Netlify, Kotlin

Professional Experience

Web Developer - Frontend / Full-Stack | I-MAS

Sep 2025 - Present (permanent since Jun 2026)

- Investigate functional needs, assess technical options and implement solutions independently within an existing codebase.
- Build React and TypeScript interfaces with Zustand, plus Node.js APIs, business logic, database structures and relationships.
- Integrate frontend features with APIs and AI services in industrial software, in collaboration with the development team.
- Submit merge requests, review peers' code and incorporate feedback. Work in Scrum / Agile; deploy and configure client WordPress pages.

Textile Sales Associate | IKEA (Sabadell)

Jun-Sep 2024 / Jun-Sep 2025

Customer service, query handling, and stock management within the section.

Warehouse Operative | Mango / Punto Fa S.L. (Lliçà d'Amunt)

Aug 2021 - Aug 2023

Packaging, garment distribution, and warehouse organization.

Sports Coach / Activity Leader | Escola Sant Gervasi (Mollet del Vallès)

Sep 2019 - 2022

Extracurricular basketball coach for students aged 9 to 11.

Selected Projects

Industrial DFM software · AI integration | Professional contribution · I-MAS

Frontend development and integration of a viewer, analysis features and AI service APIs within a team-built industrial application.

Momentum | Personal project · PWA | Web

Installable habit, workout and nutrition app. Private account sync, per-set training logs and editable AI macro estimates. HTML, CSS, JavaScript, Supabase, OpenAI API, Netlify.

Portfolio - martivilas.com | Personal project | Web

Bilingual Astro website with server-side API integrations.

Education

Higher Diploma in Web Application Development (DAW) - EQF Level 5 | Institut Tecnològic de Barcelona | Sep 2023 - Jun 2026

Spanish Baccalaureate - Social Sciences & Economics | I.E.S Rovira-Forns / Escola Sant Gervasi | Sep 2019 - Jun 2022

Languages

Catalan: Native | Spanish: Native | English: B2 (Cambridge)