

MARK HADDAD

Lead Frontend Engineer · Full-Stack Product Engineer | Vue.js · Nuxt · TypeScript | Scalable & Performant Web Applications

CONTACT

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LOCATION

Beirut, Lebanon · Open to Remote, Hybrid & Onsite

LINKEDIN

linkedin.com/in/marc-haddad-bb074b220

PORTFOLIO

mark-haddad-portfolio.vercel.app

EDUCATION

- Master's in Computer Science (M1 completed), Lebanese University

SKILLS

- **Core:** JavaScript (ES6+), TypeScript, HTML5, CSS3
- **Frontend:** Vue.js, Nuxt 3/4, Tailwind CSS
- **Working knowledge:** React, Next.js
- **3D / Media:** Tres.js, Three.js, HLS.js, Swiper.js
- **State / Data:** Pinia, Vuex, Firebase, REST APIs, Algolia
- **AI / Engineering:** Cursor, ChatGPT, AI-assisted research, implementation, debugging, review, and testing
- **Methods:** System design, frontend architecture, performance, accessibility, responsive UX, code review

SELECTED CLIENT PRODUCTS

Built while employed by RedLayers

- **app.patio3d.com** - interactive 3D patio configurator
- **design-a-barn.fcpbarns.com** - 3D barn configurator and lead generation
- **assess.apexreportgen.com** - clinical assessment and reporting SaaS
- **theculturecore.co** - employee recognition SaaS
- **insulationstoreonline.co.uk** - B2B commerce platform
- **insulationbee.co.uk** - second storefront on the shared platform

PROFILE

Lead Frontend Engineer at RedLayers building complex production systems across interactive 3D, clinical reporting, employee recognition, and commerce. I combine frontend architecture, product problem solving, and system design with AI-assisted delivery. Cursor and ChatGPT accelerate research, implementation, debugging, and work in unfamiliar areas, while I own technical decisions, review, testing, and the final release.

WORK EXPERIENCE

LEAD FRONTEND ENGINEER

RedLayers

2020 - Present

- Lead frontend architecture and delivery across production products using Vue.js, Nuxt, TypeScript, and Tailwind CSS.
- Build and evolve browser-based 3D configurators, translating complex product rules into interactive geometry, configuration, pricing, and lead-generation flows.
- Rebuilt Apex's DOCX export pipeline and maintain assessment-to-report workflows from parsed clinical data through editable narratives and professional document output.
- Improve frontend performance across complex production systems, reducing unnecessary processing and creating faster, more responsive user experiences.
- Deliver shared commerce frontends powering two branded storefronts, including Algolia search, customer accounts, reviews, and reusable platform logic.
- Use Cursor and ChatGPT to accelerate system exploration, implementation, debugging, and backend-adjacent changes; personally review, test, and approve every shipped result.
- Drive system design, technical planning, code review, performance work, client communication, and delivery inside an async product team.